

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036330.D
 Acq On : 18 Aug 2022 00:02
 Operator : CG/JU
 Sample : N4176-13MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 18 02:23:26 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	7.798	152	207513	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	882077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	503097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1005439	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	984798	20.000	ng/u1	0.00
88) Perylene-d12	23.697	264	1045445	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	26471	4.862	ng/uL	0.00
4) Pyridine-d5	3.634	84	275910	18.375	ng/u1	0.00
7) Phenol-d5	6.981	99	502672	28.379	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	307644	27.593	ng/u1	0.00
11) 2-Chlorophenol-d4	7.333	132	416838	29.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	362581	27.415	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	206328	30.851	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	213629	31.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	376414	31.054	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	490208	26.087	ng/u1	0.00
46) Dimethylphthalate-d6	13.862	166	1037134	32.585	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1258691	31.707	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	206434	34.230	ng/u1	0.00
60) Fluorene-d10	15.433	176	938992	32.648	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	148375	28.704	ng/u1	0.00
73) Anthracene-d10	17.286	188	1500957	33.573	ng/u1	0.00
81) Pyrene-d10	19.580	212	1753604	34.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1765966	34.453	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	63514	11.075	ng/uL	99
5) Pyridine	3.657	79	324772	20.938	ng/u1	88
6) Benzaldehyde	6.945	77	249709	34.320	ng/u1	95
8) Phenol	7.010	94	574847	31.214	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.233	93	454642	30.865	ng/u1	96
12) 2-Chlorophenol	7.363	128	472832	32.490	ng/u1	99
13) 2-Methylphenol	8.257	108	402285	29.634	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.339	45	601377	30.516	ng/u1	98
16) Acetophenone	8.633	105	682895	32.103	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.616	70	336634	31.796	ng/u1	96
18) 4-Methylphenol	8.592	108	443551	30.524	ng/u1	97
19) Hexachloroethane	8.869	117	194846	32.002	ng/u1	90
22) Nitrobenzene	9.010	77	510162	32.195	ng/u1	99
23) Isophorone	9.539	82	919246	32.667	ng/u1	98
25) 2-Nitrophenol	9.722	139	252365	33.391	ng/u1	98
26) 2,4-Dimethylphenol	9.786	107	254372	16.830	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	575449	31.411	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	414899	33.456	ng/u1	99
30) Naphthalene	10.651	128	1476326	31.889	ng/u1	100
32) 4-Chloroaniline	10.774	127	449908	23.539	ng/u1	100
33) Hexachlorobutadiene	10.927	225	254824	32.708	ng/u1	98
34) Caprolactam	11.569	113	131483	35.386	ng/u1	93
35) 4-Chloro-3-methylphenol	11.910	107	437294	34.875	ng/u1	96
36) 2-Methylnaphthalene	12.263	142	953224	32.817	ng/u1	99

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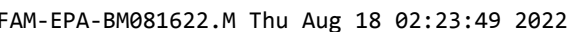
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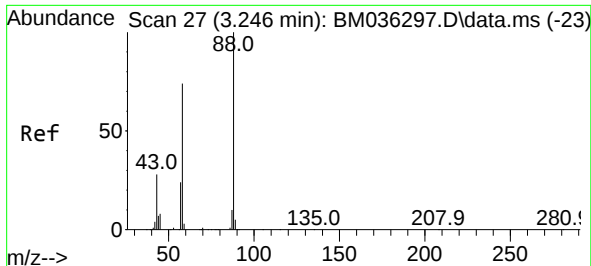
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 QLast Update : Tue Aug 16 15:00:33 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	944513	32.288	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	460803	33.138	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	159490	19.333	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	311769	35.630	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	350298	37.742	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1238065	32.720	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	962942	33.164	ng/ul	99
45) 2-Nitroaniline	13.539	65	288053	36.637	ng/ul	98
47) Dimethylphthalate	13.910	163	1161950	35.466	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	241359	39.045	ng/ul	90
50) Acenaphthylene	14.168	152	1572190	33.584	ng/ul	100
51) 3-Nitroaniline	14.368	138	271501	40.162	ng/ul	98
52) Acenaphthene	14.509	153	1020865	33.457	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	116062	34.452	ng/ul	96
55) 4-Nitrophenol	14.686	109	189938	39.861	ng/ul	82
56) Dibenzofuran	14.845	168	1446276	34.161	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	365559	41.699	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.074	232	275909	39.152	ng/ul#	94
59) Diethylphthalate	15.268	149	1231872	38.144	ng/ul	100
61) Fluorene	15.492	166	1182297	35.207	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	554304	35.336	ng/ul	99
63) 4-Nitroaniline	15.527	138	284062	45.046	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.580	198	181065	34.645	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	1005147	34.968	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	334006	35.876	ng/ul	100
69) Hexachlorobenzene	16.486	284	416917	36.953	ng/ul	97
70) Atrazine	16.656	200	183298	18.663	ng/ul	98
71) Pentachlorophenol	16.839	266	213493	34.324	ng/ul	100
72) Phenanthrene	17.227	178	1953642	36.961	ng/ul	98
74) Anthracene	17.321	178	1927317	36.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	457220	30.307	ng/uL	95
76) Pentachlorobenzene	14.757	250	456842	32.432	ng/uL	99
77) Carbazole	17.598	167	1857569	37.439	ng/ul	99
78) Di-n-butylphthalate	18.156	149	2217377	40.860	ng/ul	99
80) Fluoranthene	19.244	202	2402505	38.914	ng/ul	98
82) Pyrene	19.609	202	2445241	37.953	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1033314	42.871	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.291	252	605554	29.861	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2336219	39.476	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1490608	44.792	ng/ul	99
87) Chrysene	21.403	228	2284410	39.285	ng/ul	99
89) Di-n-octyl phthalate	22.185	149	2529351	40.699	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	2280189	35.774	ng/ul	97
91) Benzo(k)fluoranthene	23.038	252	2288704	37.742	ng/ul	97
93) Benzo(a)pyrene	23.597	252	2407973	38.401	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.121	276	2859526	38.786	ng/ul	94
95) Dibenzo(a,h)anthracene	26.132	278	2420713	38.116	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	2152111	34.135	ng/ul	96

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

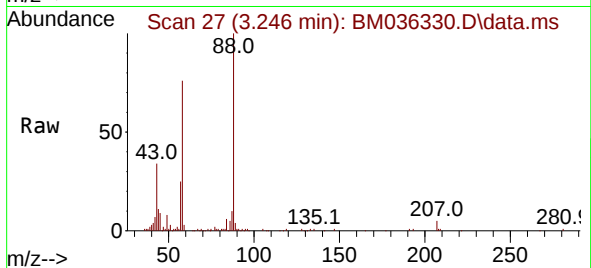
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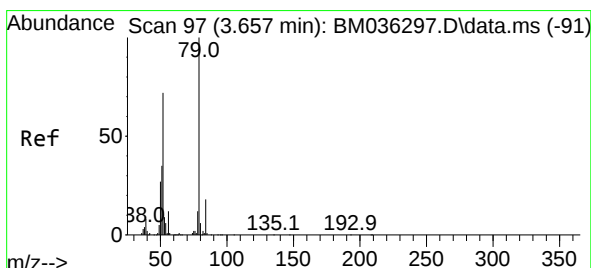
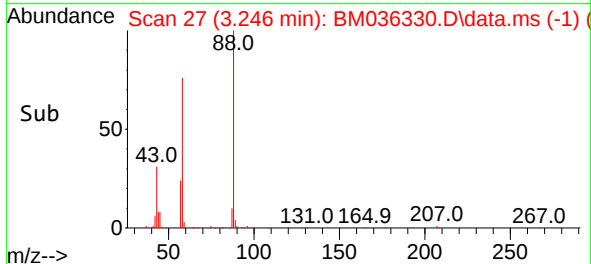
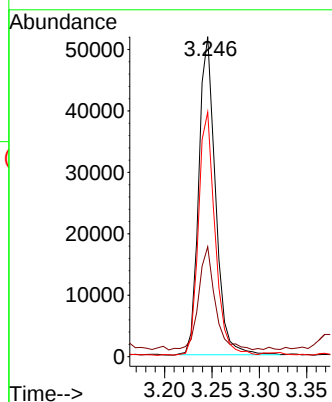
#2
 1,4-Dioxane
 Concen: 11.075 ng/uL
 RT: 3.246 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036330.D
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Tgt Ion: 88 Resp: 63514

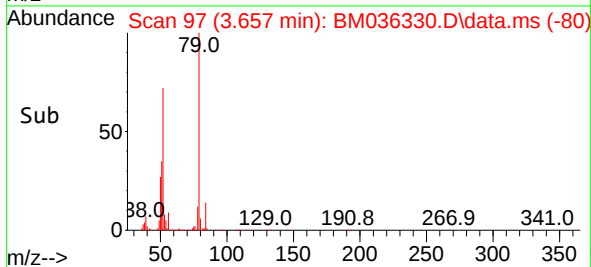
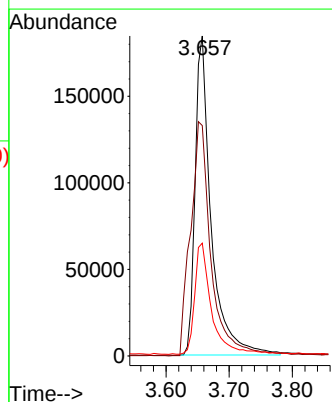
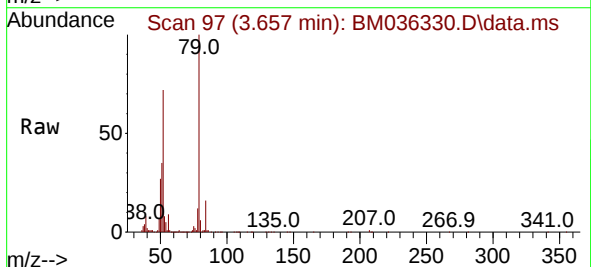
Ion	Ratio	Lower	Upper
88	100		
43	34.4	27.8	41.8
58	76.5	61.8	92.8

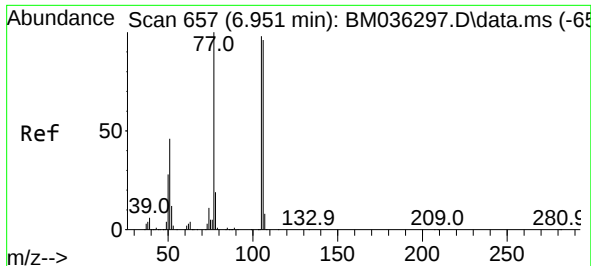


#5
 Pyridine
 Concen: 20.938 ng/uL
 RT: 3.657 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion: 79 Resp: 324772

Ion	Ratio	Lower	Upper
79	100		
52	72.0	67.8	101.6
51	35.3	31.4	47.0

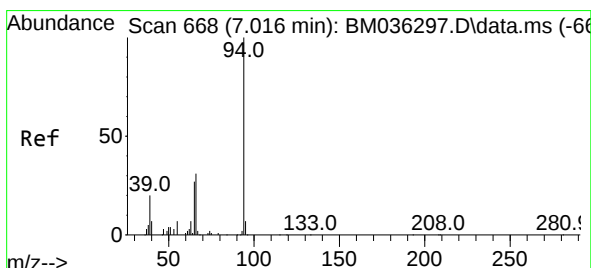
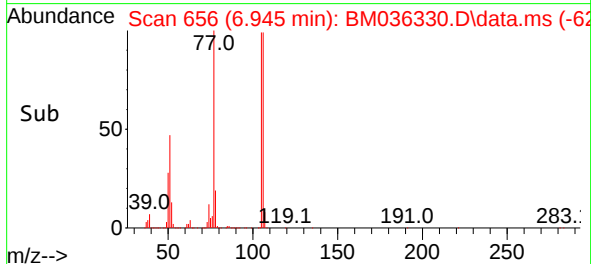
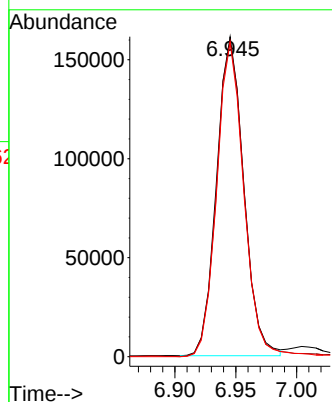
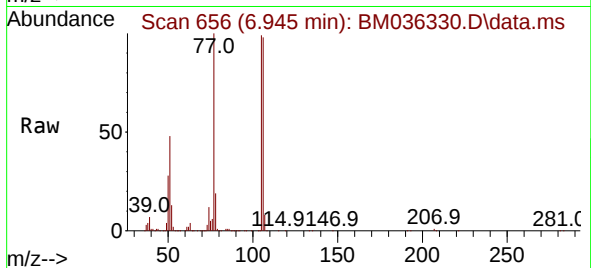




#6
Benzaldehyde
Concen: 34.320 ng/ul
RT: 6.945 min Scan# 657
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

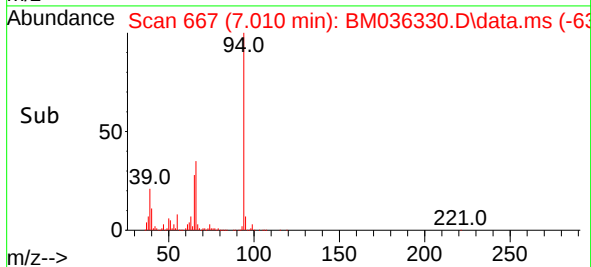
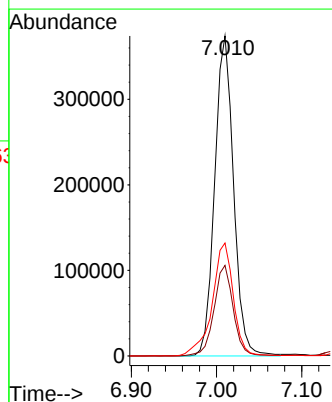
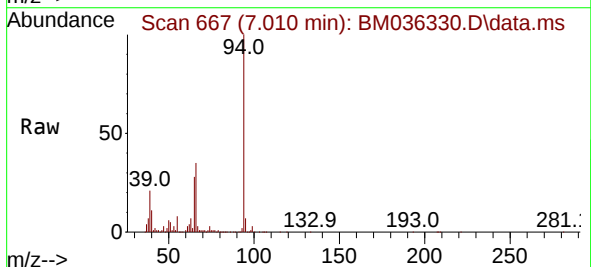
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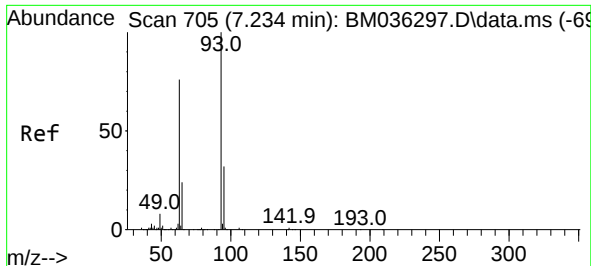
Tgt Ion: 77 Resp: 249709
Ion Ratio Lower Upper
77 100
105 98.6 84.6 127.0
106 98.2 80.3 120.5



#8
Phenol
Concen: 31.214 ng/ul
RT: 7.010 min Scan# 667
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion: 94 Resp: 574847
Ion Ratio Lower Upper
94 100
65 28.3 21.3 31.9
66 35.3 27.4 41.0

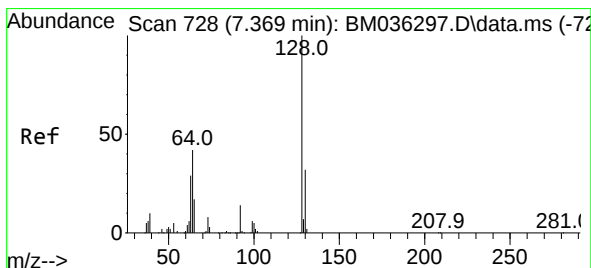
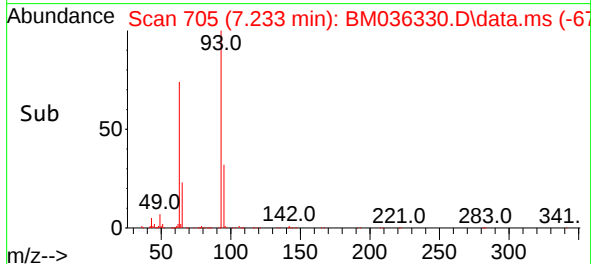
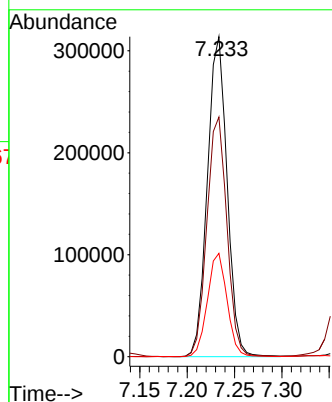
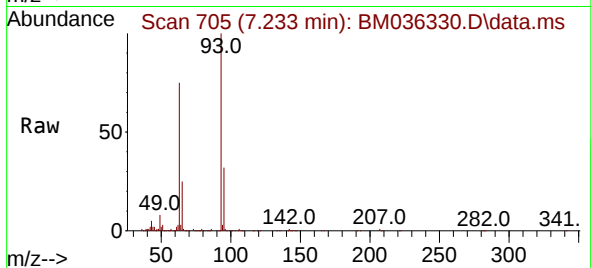




#10
Bis(2-Chloroethyl)ether
Concen: 30.865 ng/ul
RT: 7.233 min Scan# 705
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

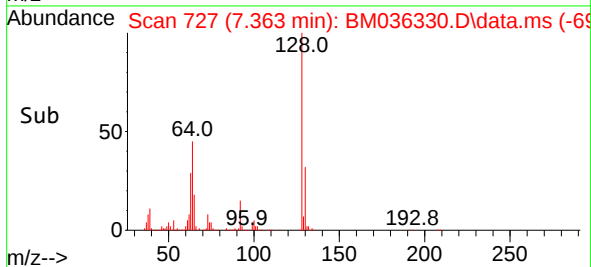
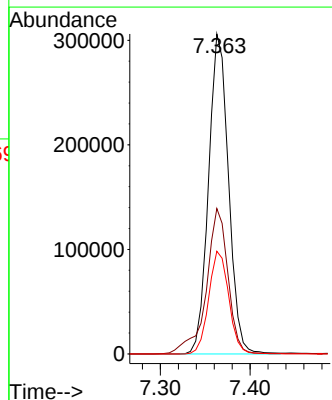
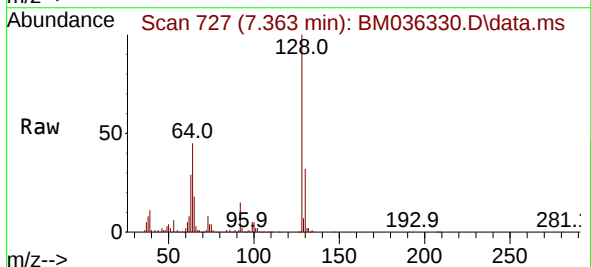
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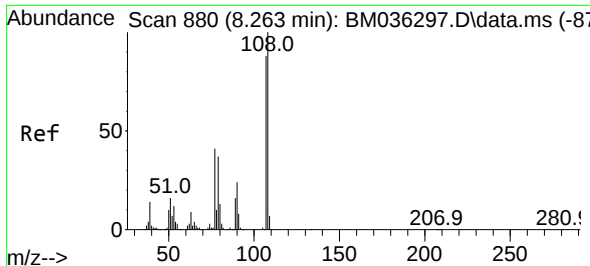
Tgt Ion: 93 Resp: 454642
Ion Ratio Lower Upper
93 100
63 74.9 64.0 96.0
95 32.3 25.8 38.6



#12
2-Chlorophenol
Concen: 32.490 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:128 Resp: 472832
Ion Ratio Lower Upper
128 100
64 45.4 36.9 55.3
130 32.1 25.6 38.4

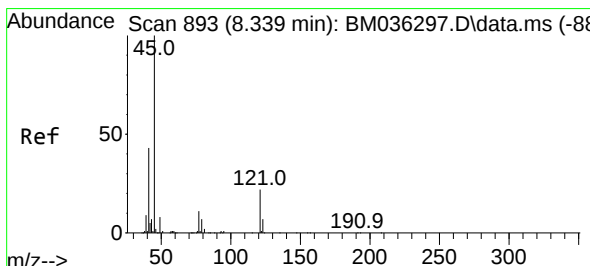
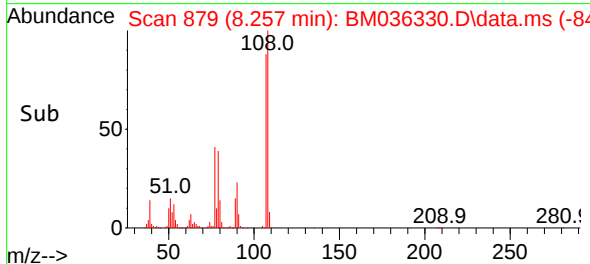
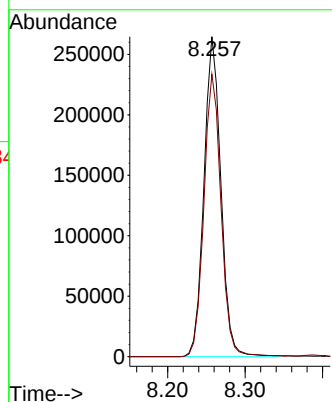
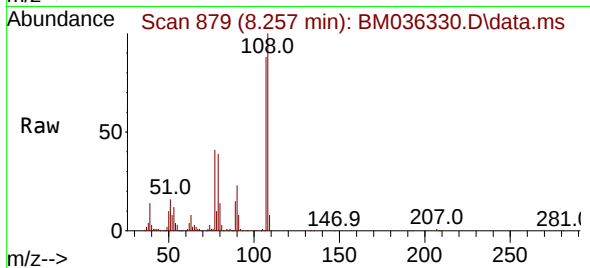




#13
2-Methylphenol
Concen: 29.634 ng/ul
RT: 8.257 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

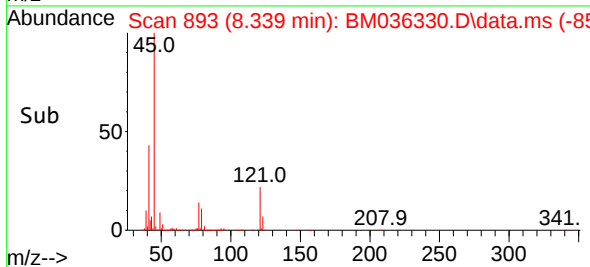
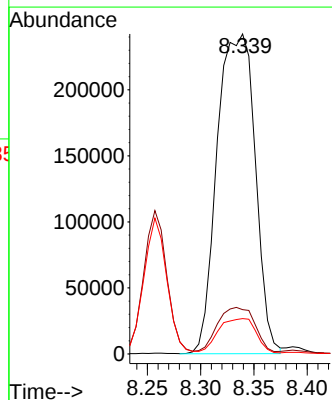
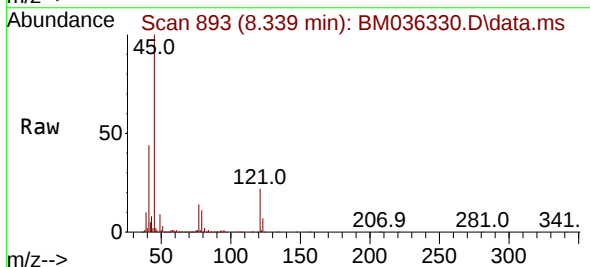
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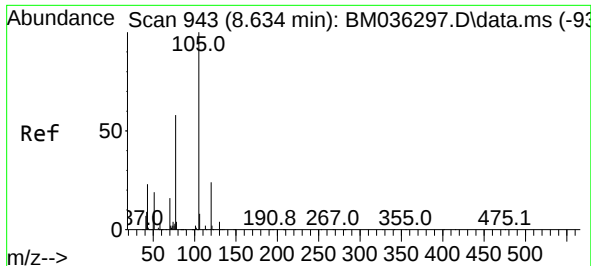
Tgt Ion:108 Resp: 402285
Ion Ratio Lower Upper
108 100
107 88.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.516 ng/ul
RT: 8.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion: 45 Resp: 601377
Ion Ratio Lower Upper
45 100
77 13.9 10.6 15.8
79 11.0 8.3 12.5

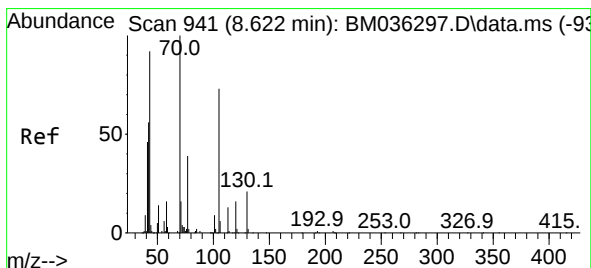
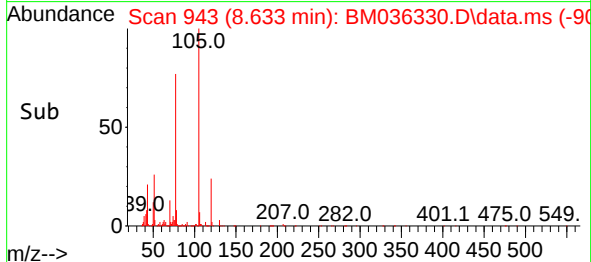
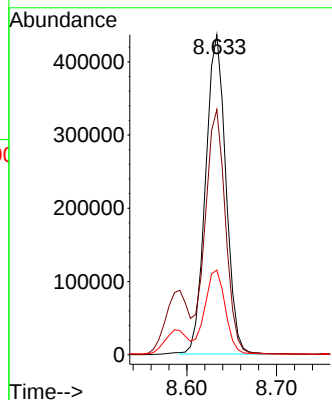
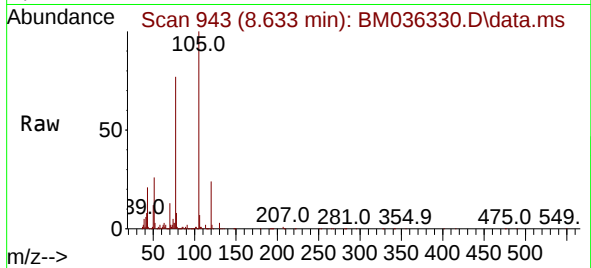




#16
Acetophenone
Concen: 32.103 ng/ul
RT: 8.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

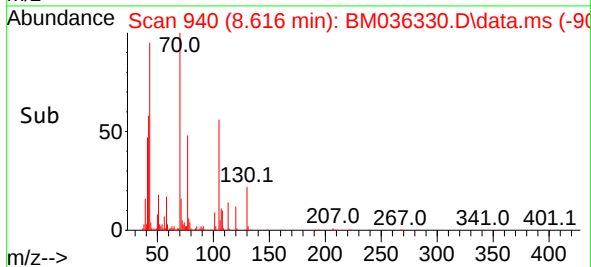
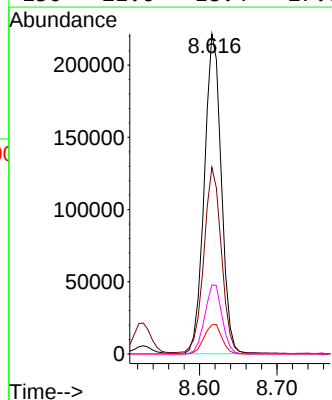
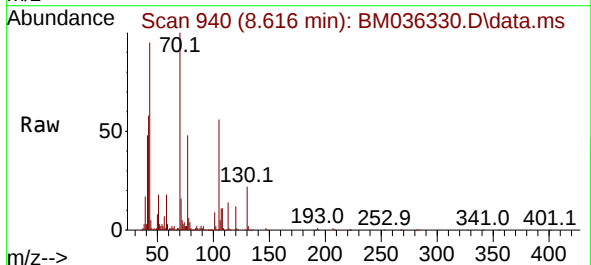
Instrument :
BNA_M
ClientSampleId :

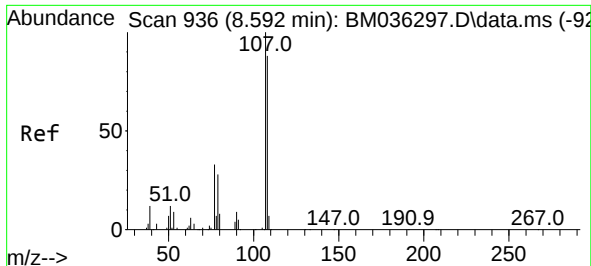
Tgt Ion:105 Resp: 682895
Ion Ratio Lower Upper
105 100
77 76.6 59.8 89.6
51 26.5 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 31.796 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion: 70 Resp: 336634
Ion Ratio Lower Upper
70 100
42 58.3 49.6 74.4
101 9.1 8.1 12.1
130 21.6 18.4 27.6

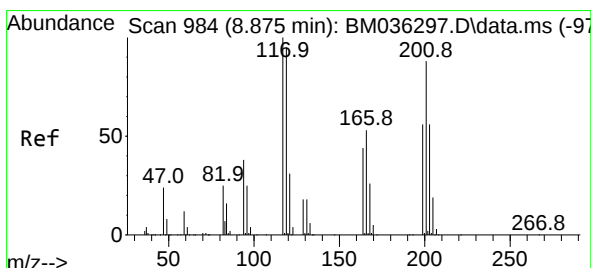
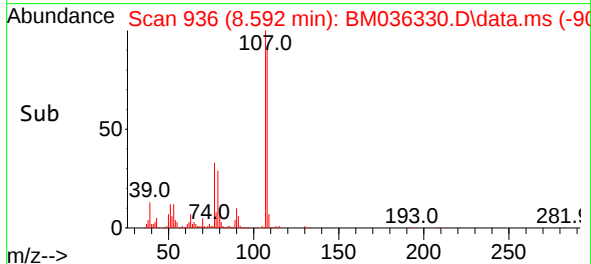
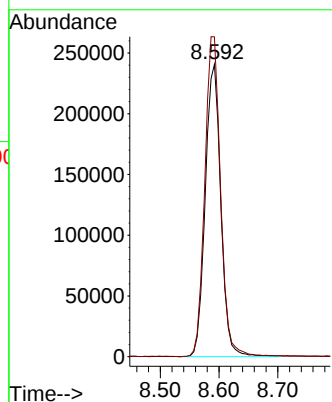
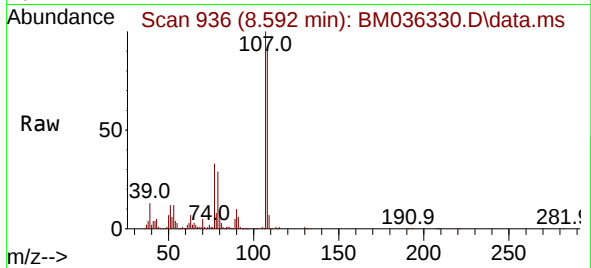




#18
4-Methylphenol
Concen: 30.524 ng/ul
RT: 8.592 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

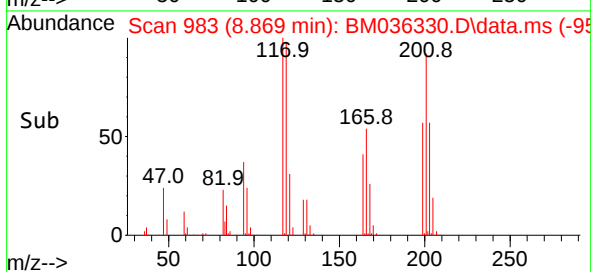
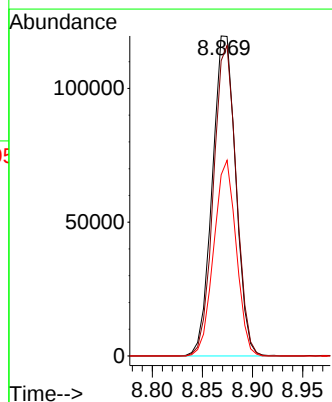
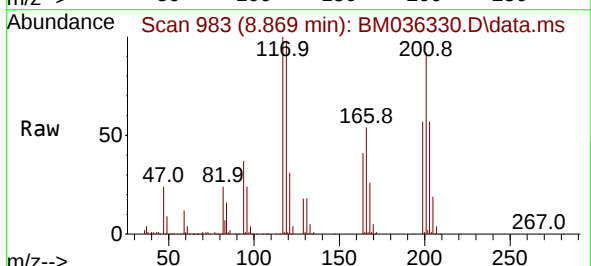
Instrument :
BNA_M
ClientSampleId :

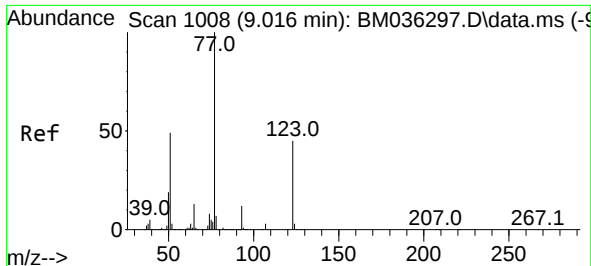
Tgt Ion:108 Resp: 443551
Ion Ratio Lower Upper
108 100
107 109.4 90.3 135.5



#19
Hexachloroethane
Concen: 32.002 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:117 Resp: 194846
Ion Ratio Lower Upper
117 100
201 92.3 81.8 122.6
199 56.6 51.6 77.4

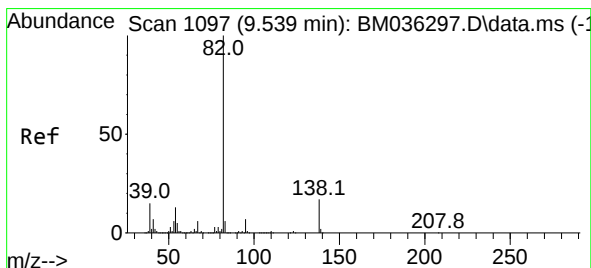
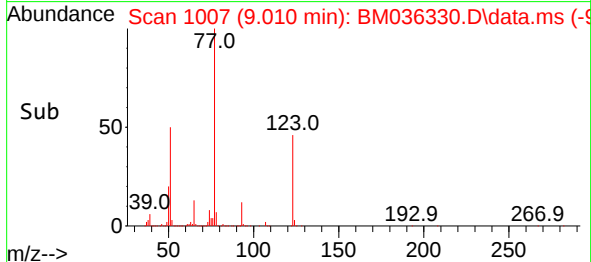
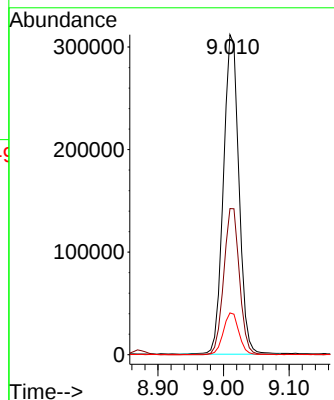
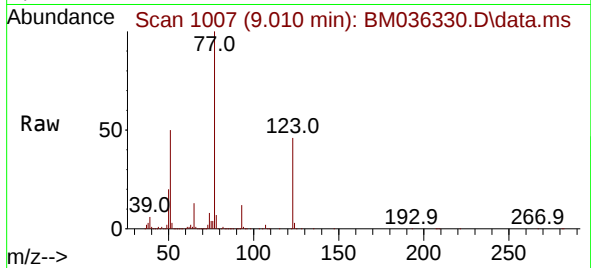




#22
Nitrobenzene
Concen: 32.195 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

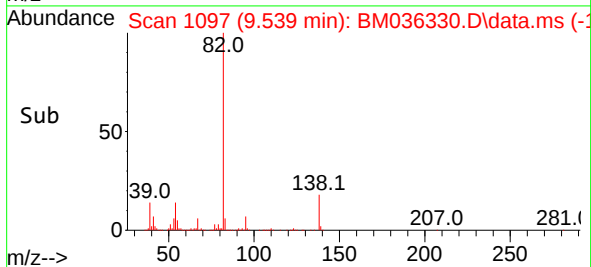
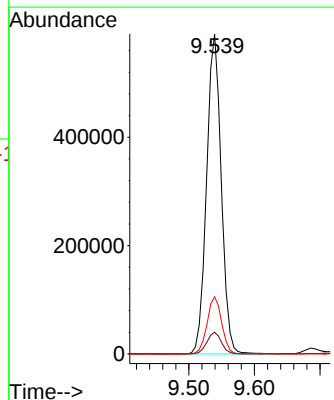
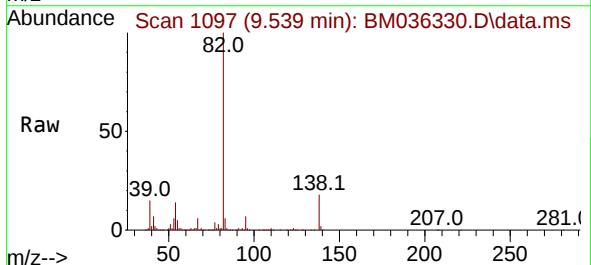
Instrument :
BNA_M
ClientSampleId :

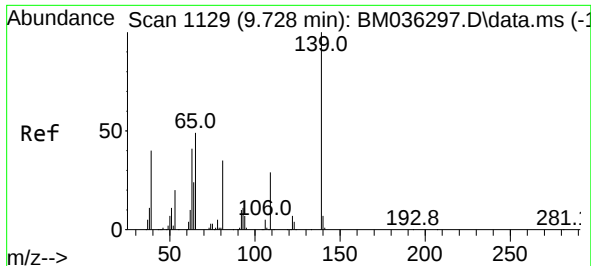
Tgt Ion: 77 Resp: 510162
Ion Ratio Lower Upper
77 100
123 45.7 37.4 56.0
65 13.1 10.8 16.2



#23
Isophorone
Concen: 32.667 ng/ul
RT: 9.539 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion: 82 Resp: 919246
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.9 15.3 22.9

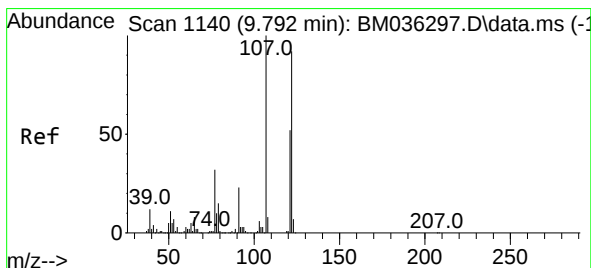
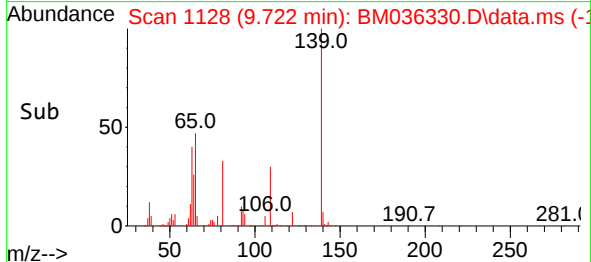
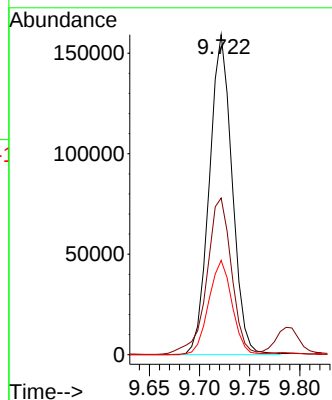
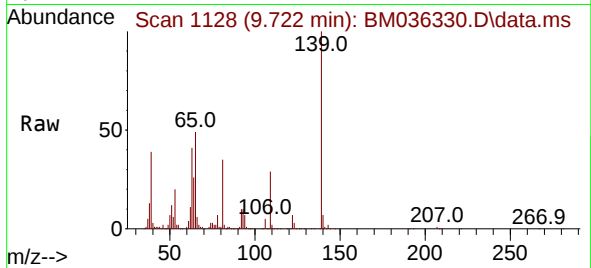




#25
2-Nitrophenol
Concen: 33.391 ng/ul
RT: 9.722 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

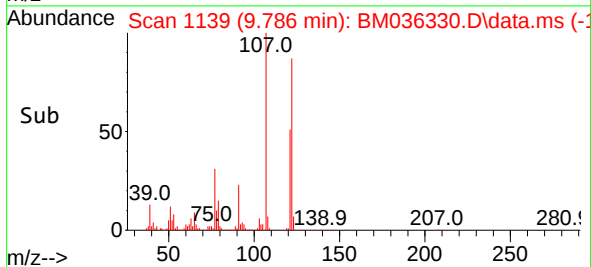
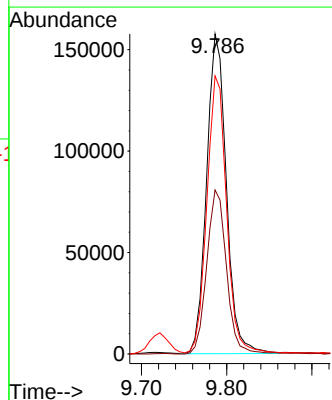
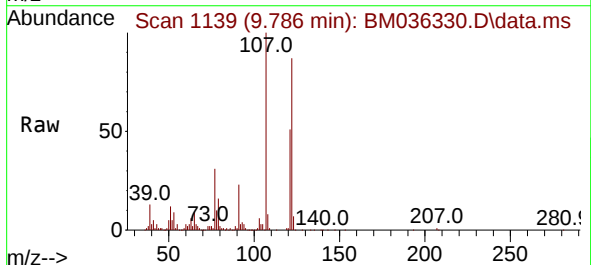
Instrument :
BNA_M
ClientSampleId :

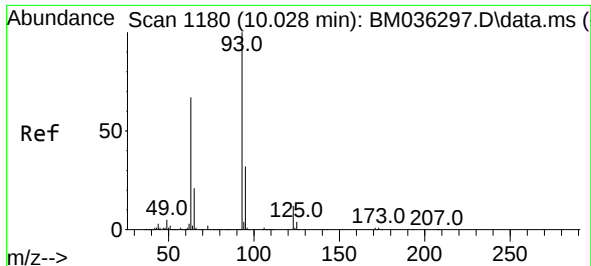
Tgt Ion:139 Resp: 252365
Ion Ratio Lower Upper
139 100
65 49.0 39.8 59.6
109 29.5 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 16.830 ng/ul
RT: 9.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:107 Resp: 254372
Ion Ratio Lower Upper
107 100
121 51.2 42.7 64.1
122 86.9 71.5 107.3

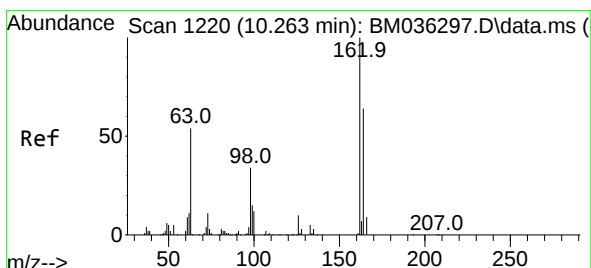
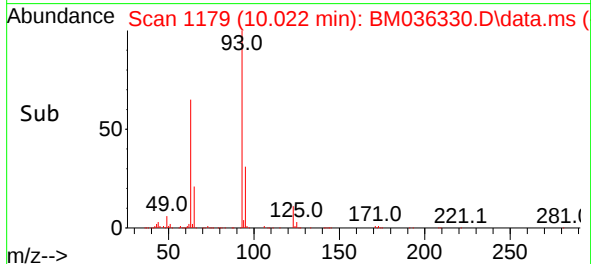
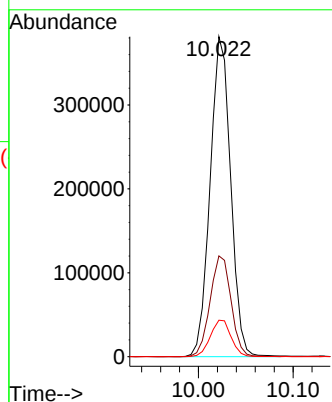
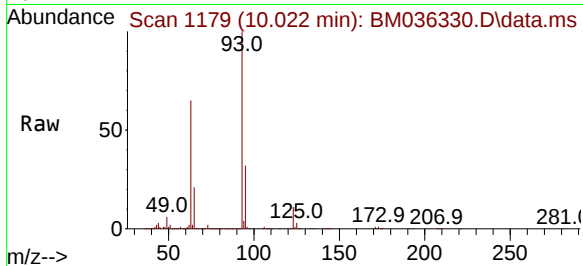




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.411 ng/ul
 RT: 10.022 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

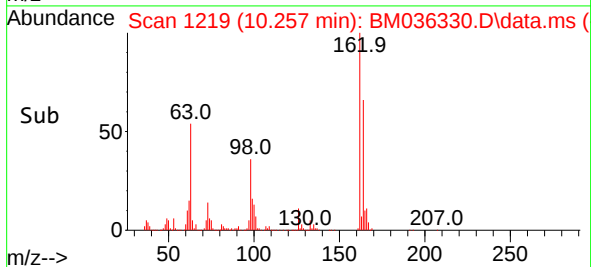
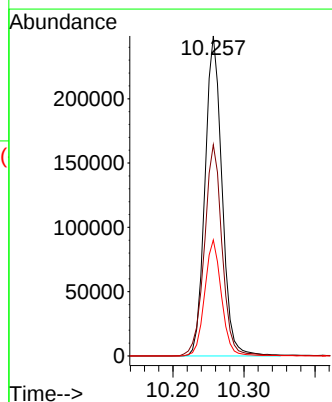
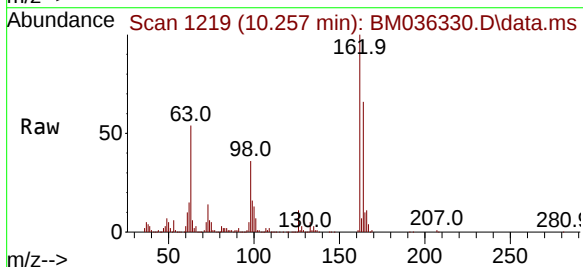
Instrument :
 BNA_M
 ClientSampleId :

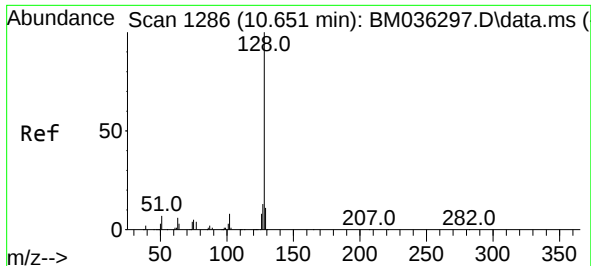
Tgt Ion: 93 Resp: 575449
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.1 39.1
 123 11.4 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 33.456 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion:162 Resp: 414899
 Ion Ratio Lower Upper
 162 100
 164 66.0 51.8 77.6
 98 36.3 29.5 44.3

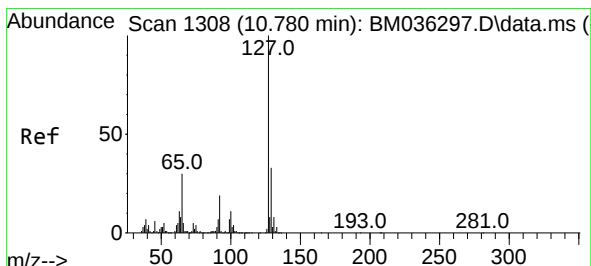
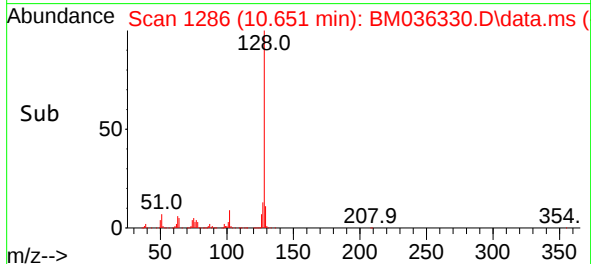
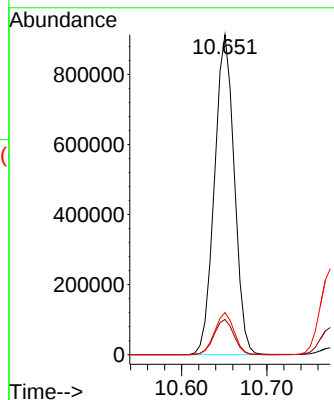
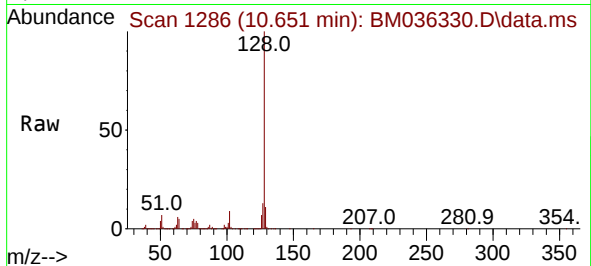




#30
Naphthalene
Concen: 31.889 ng/ul
RT: 10.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

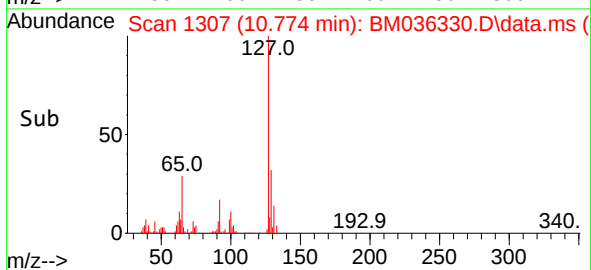
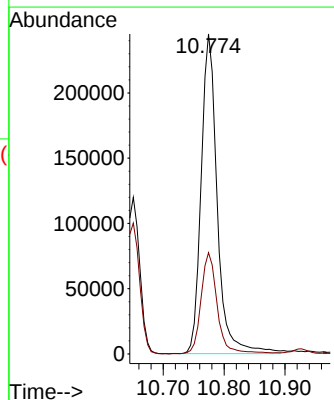
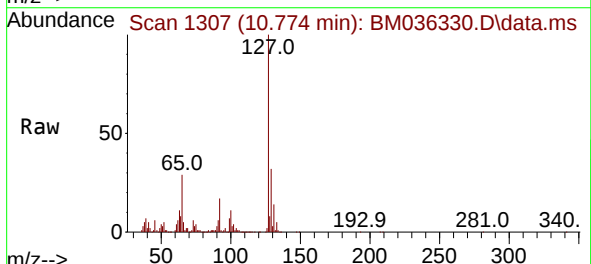
Instrument :
BNA_M
ClientSampleId :

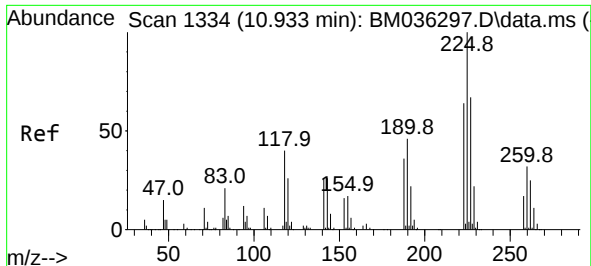
Tgt Ion:128 Resp: 1476326
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 23.539 ng/ul
RT: 10.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:127 Resp: 449908
Ion Ratio Lower Upper
127 100
129 31.6 25.3 37.9

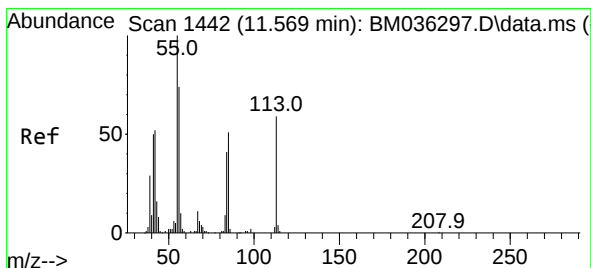
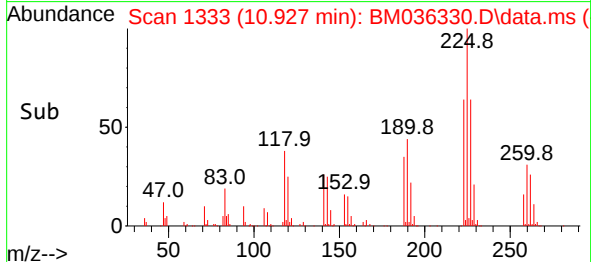
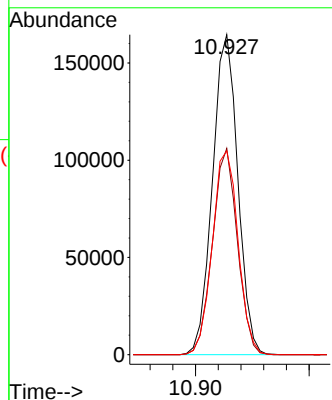
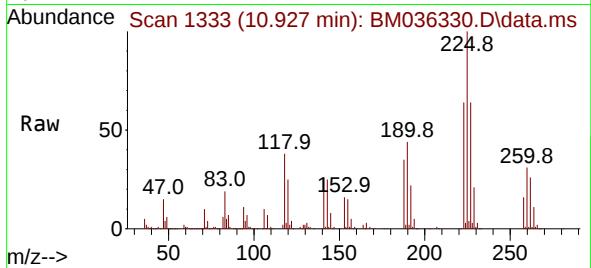




#33
Hexachlorobutadiene
Concen: 32.708 ng/ul
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

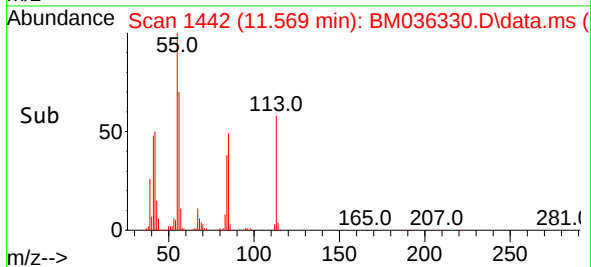
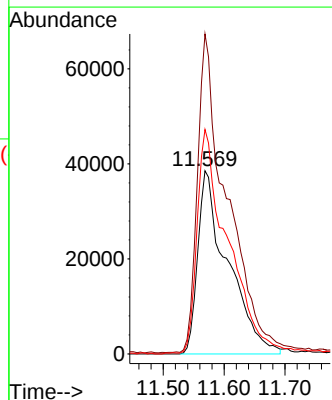
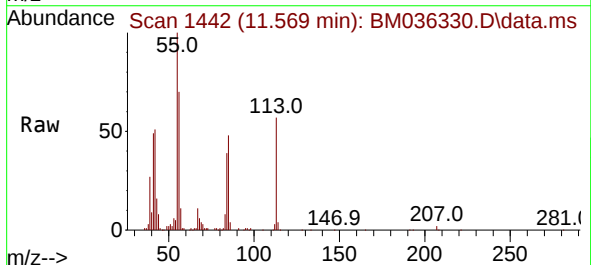
Instrument :
BNA_M
ClientSampleId :

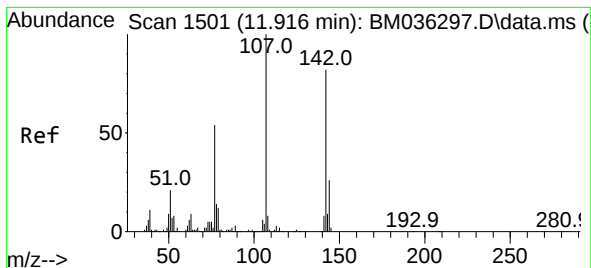
Tgt Ion:225 Resp: 254824
Ion Ratio Lower Upper
225 100
223 64.4 50.0 75.0
227 63.7 49.9 74.9



#34
Caprolactam
Concen: 35.386 ng/ul
RT: 11.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:113 Resp: 131483
Ion Ratio Lower Upper
113 100
55 174.6 150.2 225.4
56 122.5 102.1 153.1

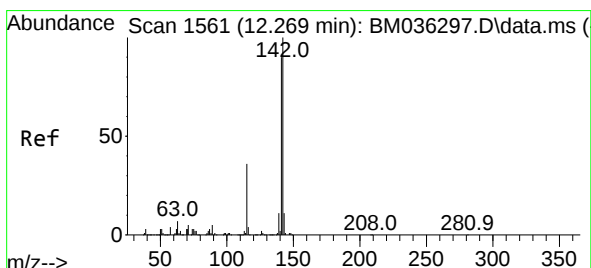
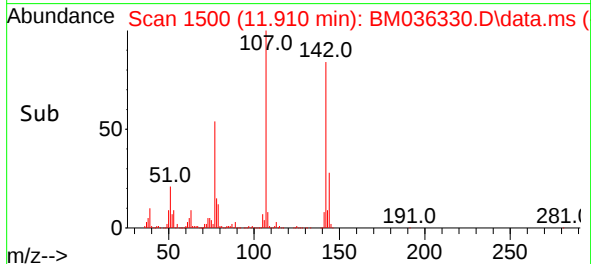
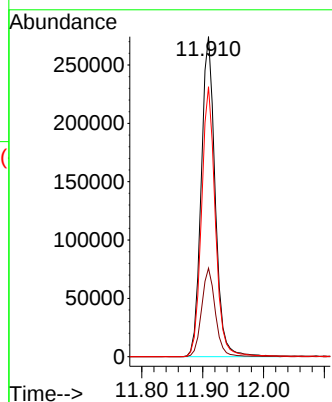
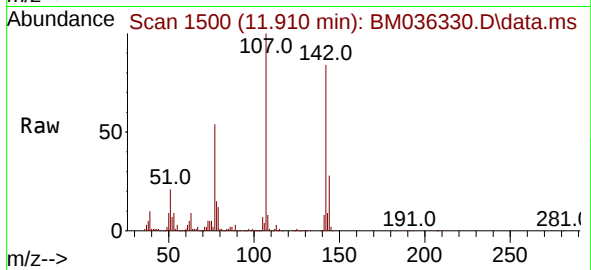




#35
4-Chloro-3-methylphenol
Concen: 34.875 ng/ul
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

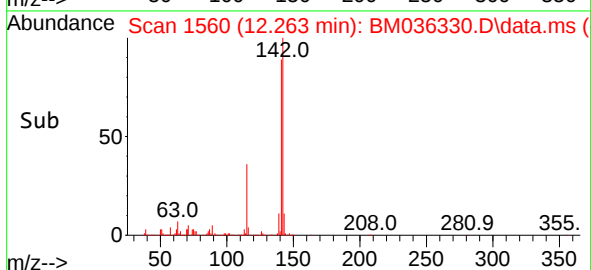
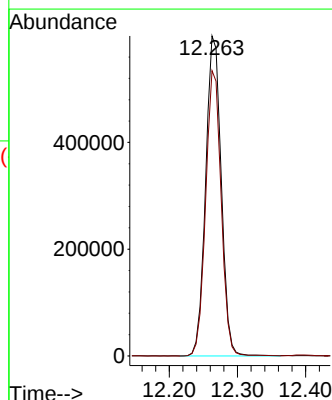
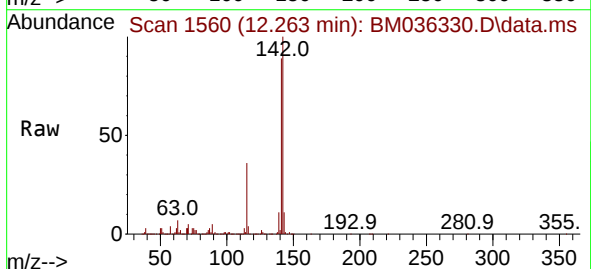
Instrument :
BNA_M
ClientSampleId :

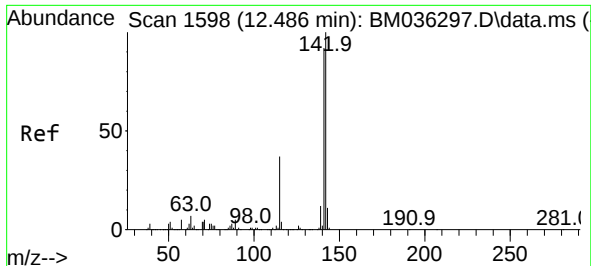
Tgt Ion:107 Resp: 437294
Ion Ratio Lower Upper
107 100
144 27.7 20.3 30.5
142 84.3 64.4 96.6



#36
2-Methylnaphthalene
Concen: 32.817 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:142 Resp: 953224
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1

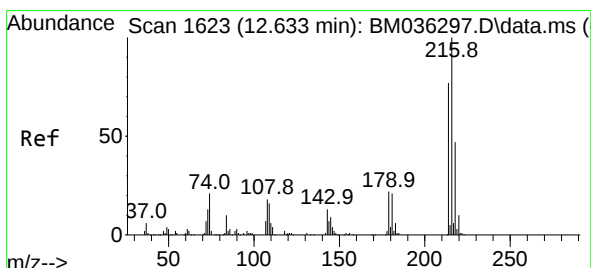
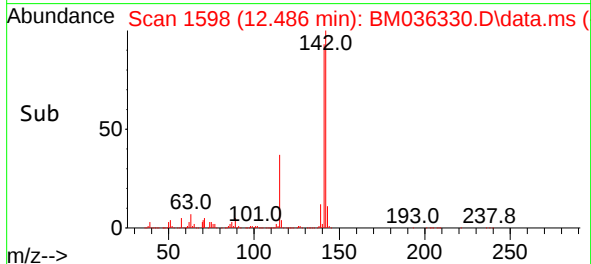
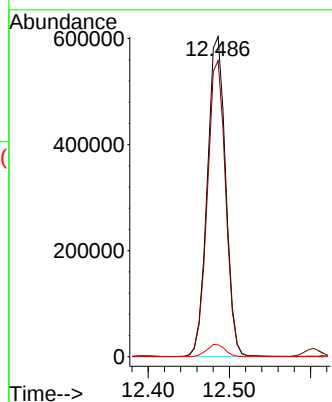
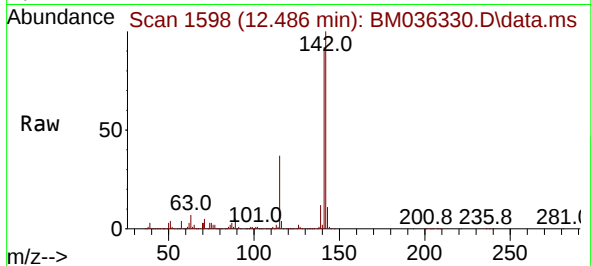




#37
1-Methylnaphthalene
Concen: 32.288 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

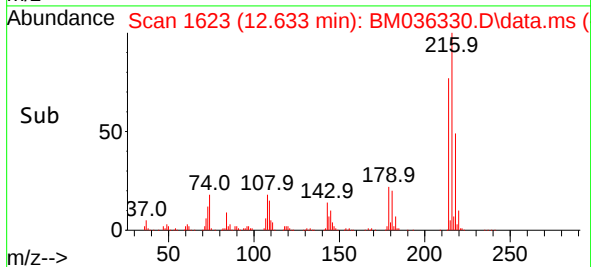
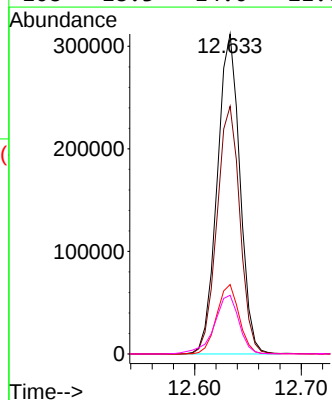
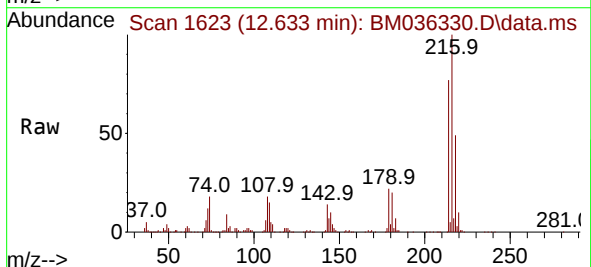
Instrument :
BNA_M
ClientSampleId :

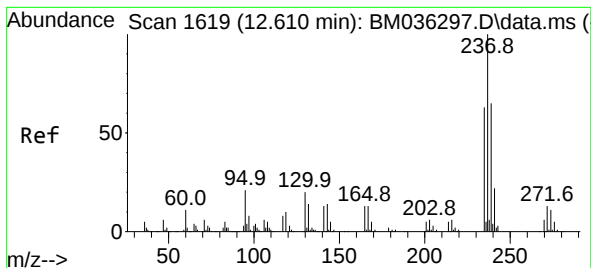
Tgt Ion:142 Resp: 944513
Ion Ratio Lower Upper
142 100
141 92.5 75.2 112.8
116 3.7 2.6 3.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.138 ng/ul
RT: 12.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:216 Resp: 460803
Ion Ratio Lower Upper
216 100
214 77.4 62.4 93.6
179 21.7 17.3 25.9
108 18.3 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 19.333 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Instrument :

BNA_M

ClientSampleId :

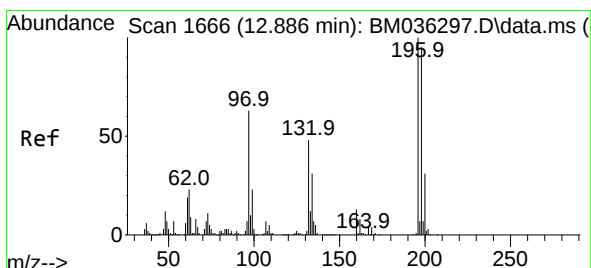
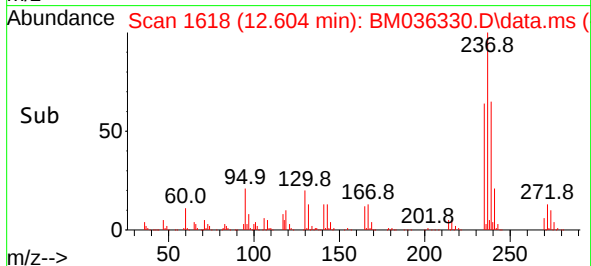
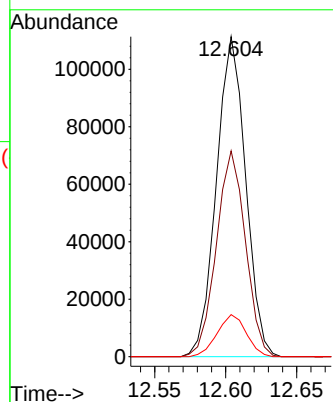
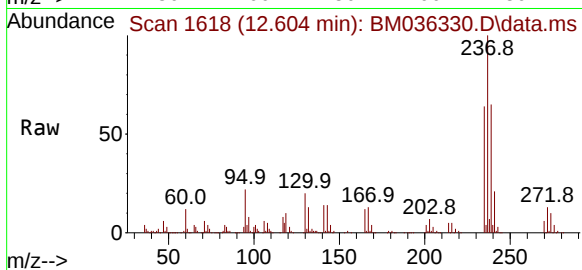
Tgt Ion:237 Resp: 159490

Ion Ratio Lower Upper

237 100

235 64.3 48.4 72.6

272 14.0 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 35.630 ng/ul

RT: 12.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

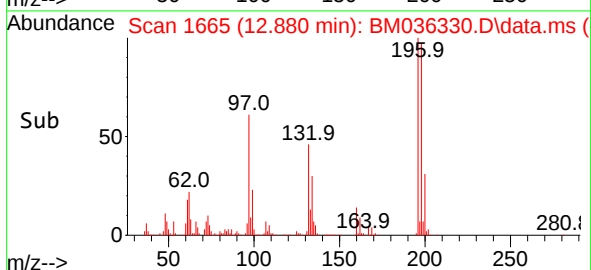
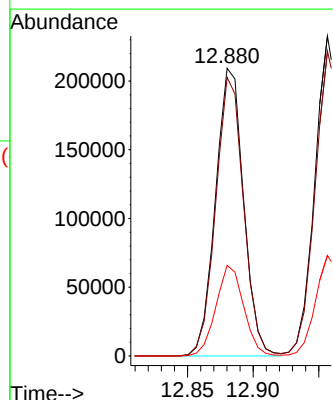
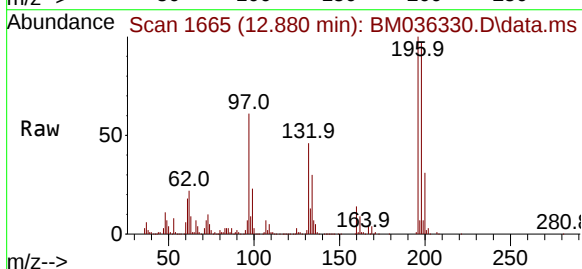
Tgt Ion:196 Resp: 311769

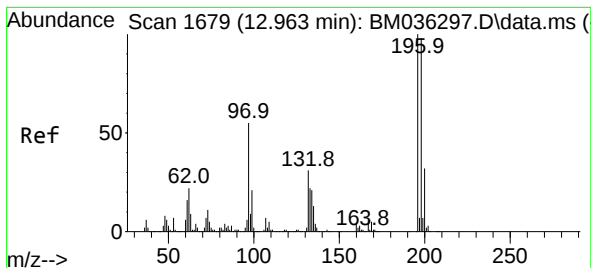
Ion Ratio Lower Upper

196 100

198 96.8 77.8 116.6

200 31.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 37.742 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Instrument :

BNA_M

ClientSampleId :

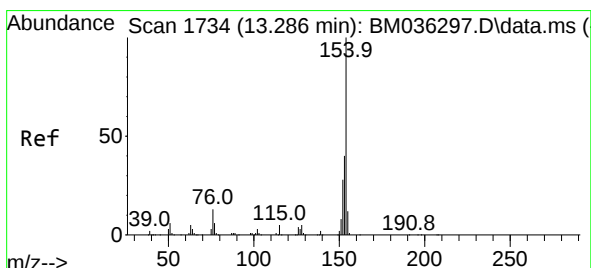
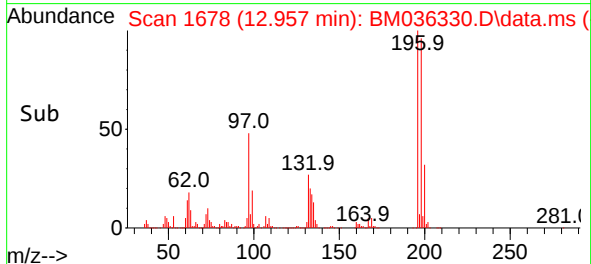
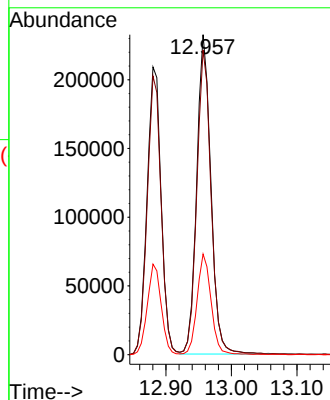
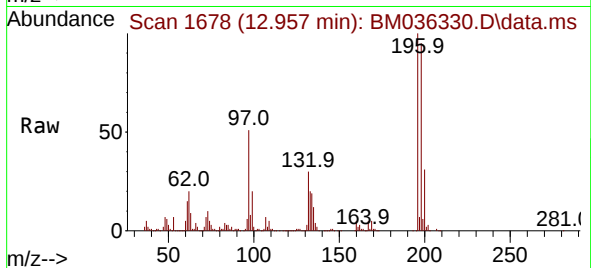
Tgt Ion:196 Resp: 350298

Ion Ratio Lower Upper

196 100

198 95.2 76.8 115.2

200 31.5 24.9 37.3



#43

1,1'-Biphenyl

Concen: 32.720 ng/ul

RT: 13.280 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

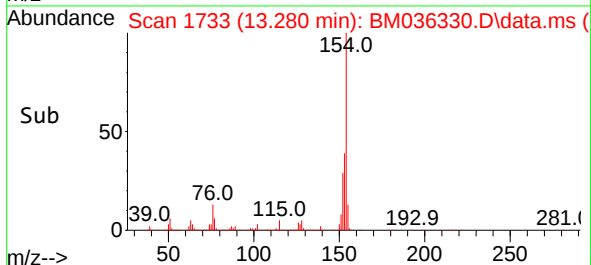
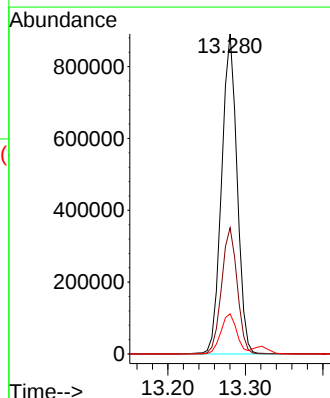
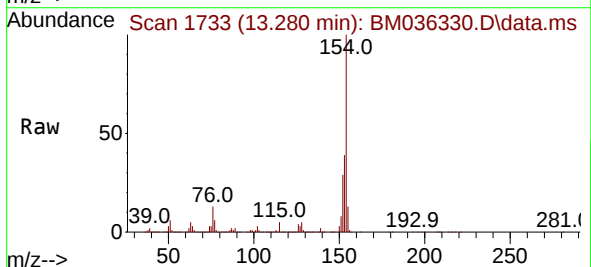
Tgt Ion:154 Resp: 1238065

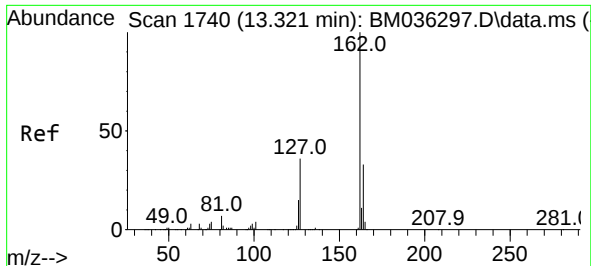
Ion Ratio Lower Upper

154 100

153 39.5 32.4 48.6

76 12.6 10.1 15.1

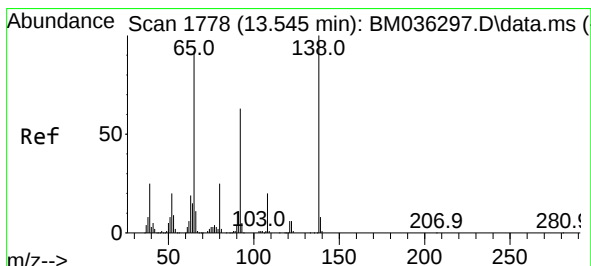
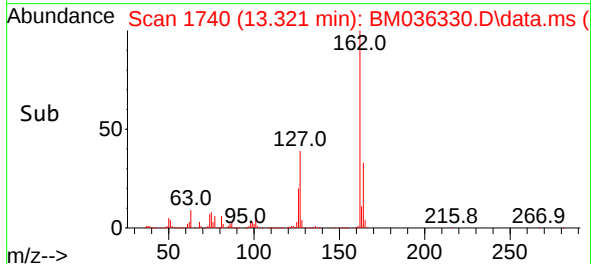
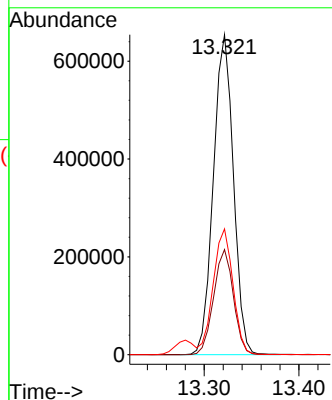
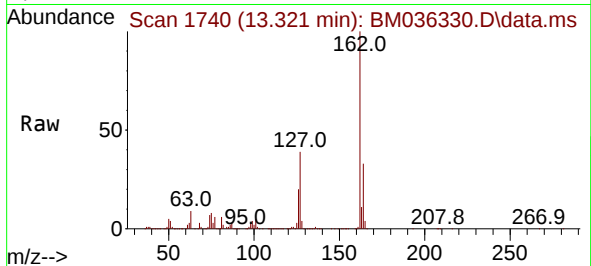




#44
2-Chloronaphthalene
Concen: 33.164 ng/ul
RT: 13.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

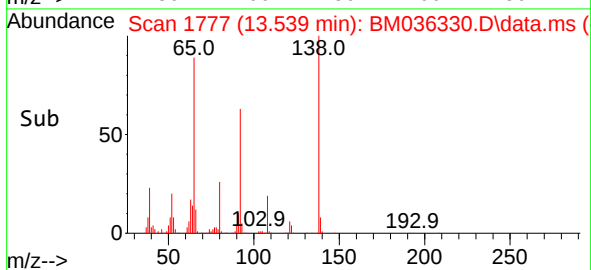
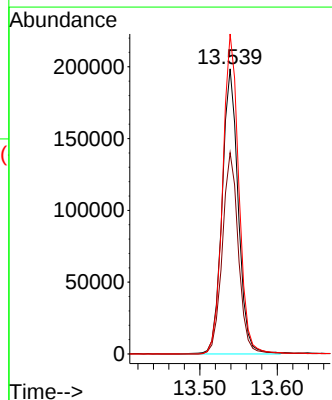
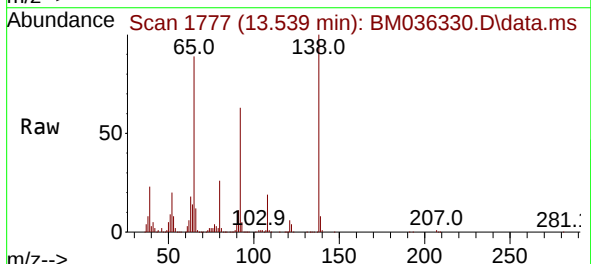
Instrument :
BNA_M
ClientSampleId :

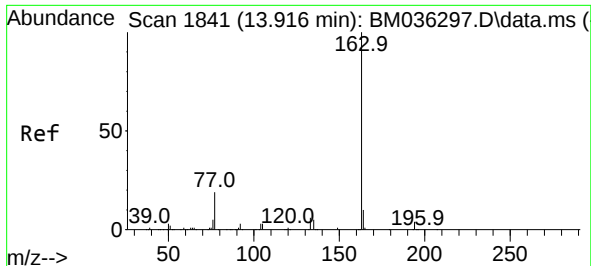
Tgt Ion:162 Resp: 962942
Ion Ratio Lower Upper
162 100
164 32.9 25.4 38.0
127 39.3 31.6 47.4



#45
2-Nitroaniline
Concen: 36.637 ng/ul
RT: 13.539 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion: 65 Resp: 288053
Ion Ratio Lower Upper
65 100
92 70.6 54.5 81.7
138 112.2 91.2 136.8

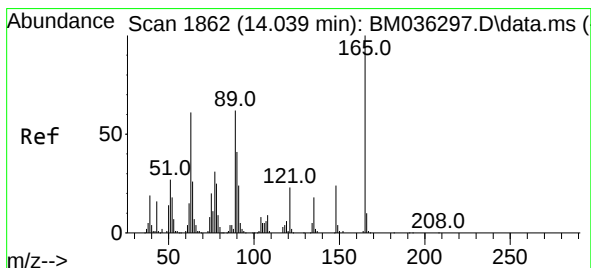
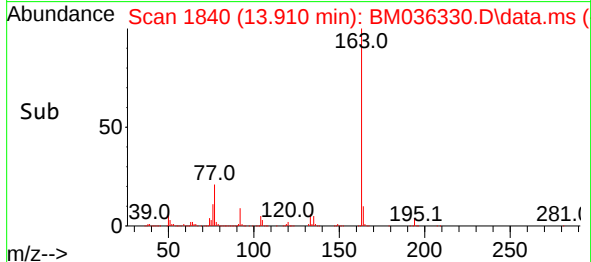
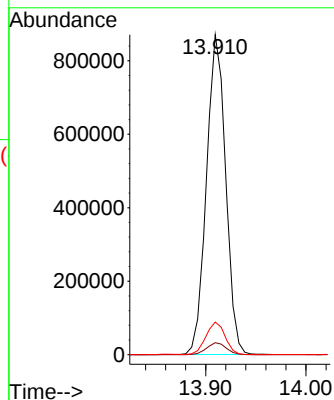
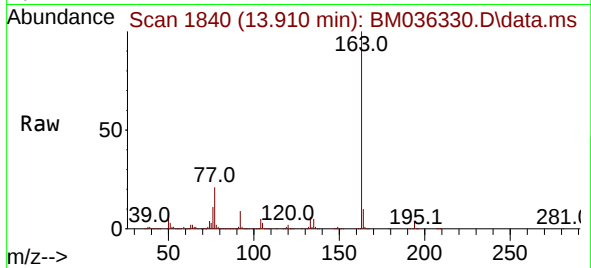




#47
Dimethylphthalate
Concen: 35.466 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

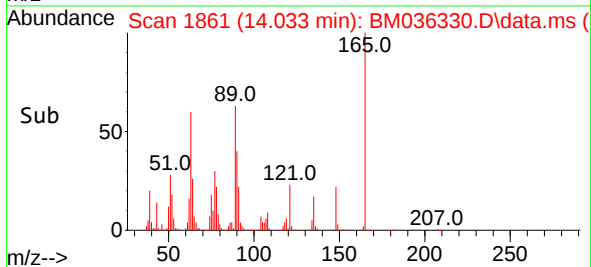
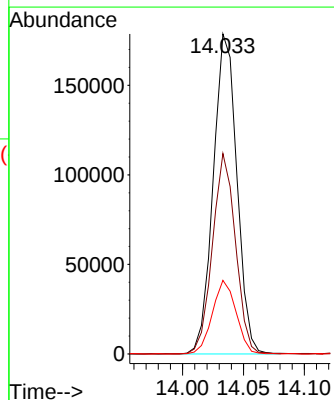
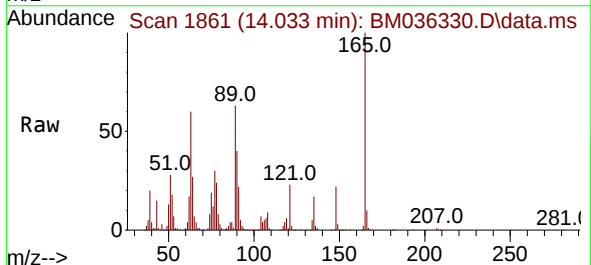
Instrument :
BNA_M
ClientSampleId :

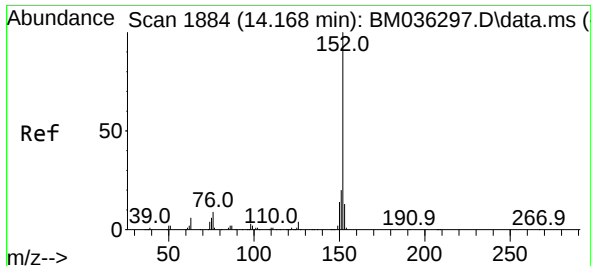
Tgt Ion:163 Resp: 1161950
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 39.045 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:165 Resp: 241359
Ion Ratio Lower Upper
165 100
89 62.7 42.5 63.7
121 23.0 17.2 25.8

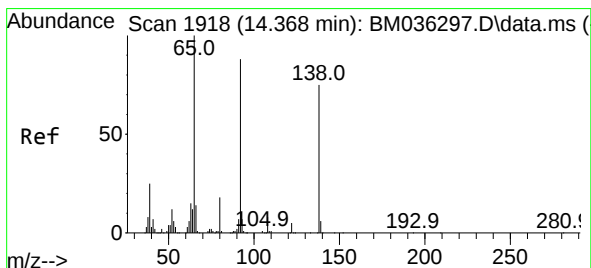
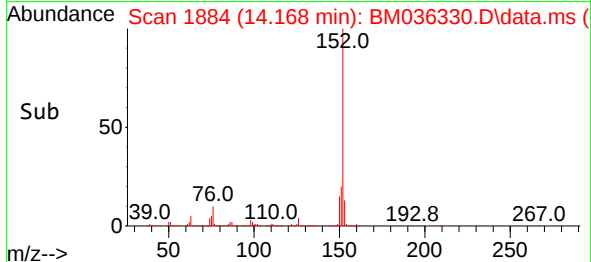
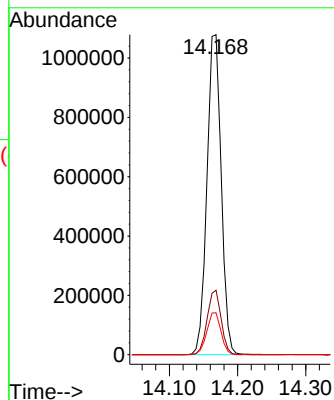
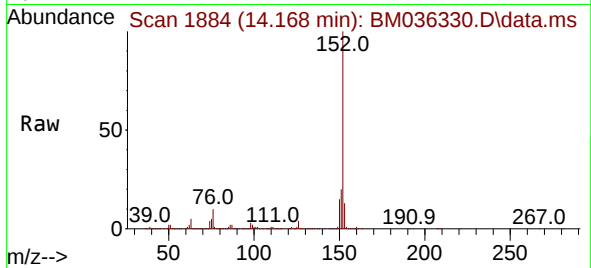




#50
Acenaphthylene
Concen: 33.584 ng/ul
RT: 14.168 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

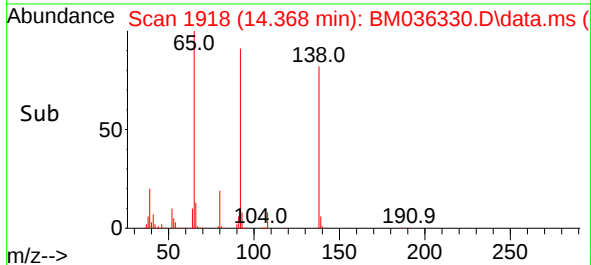
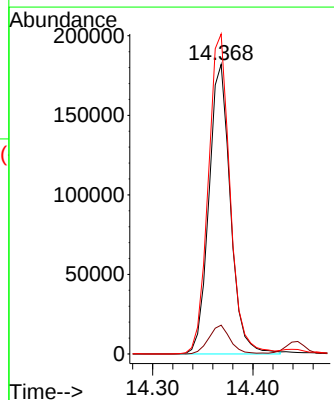
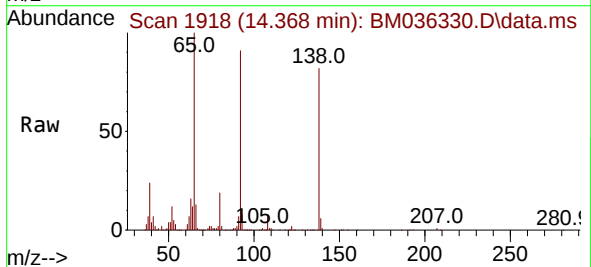
Instrument :
BNA_M
ClientSampleId :

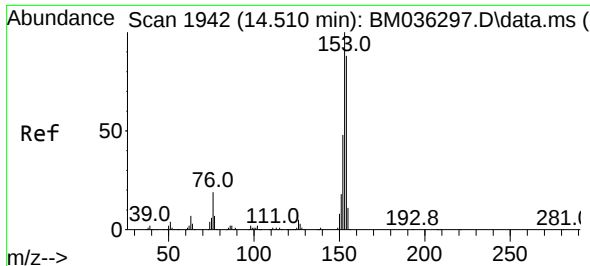
Tgt Ion:152 Resp: 1572190
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 40.162 ng/ul
RT: 14.368 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:138 Resp: 271501
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 110.5 90.4 135.6

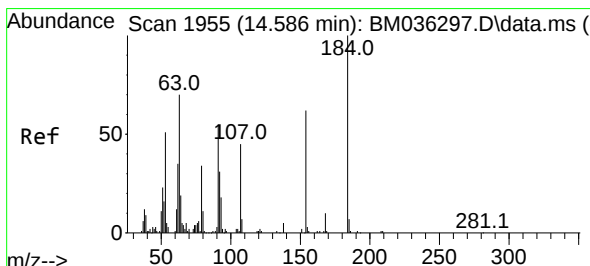
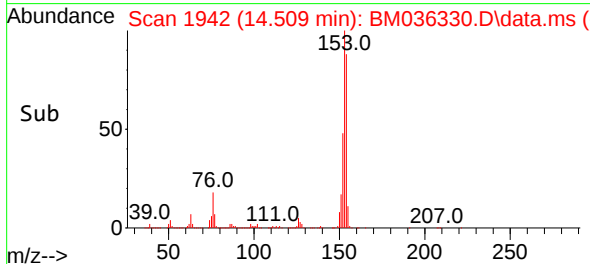
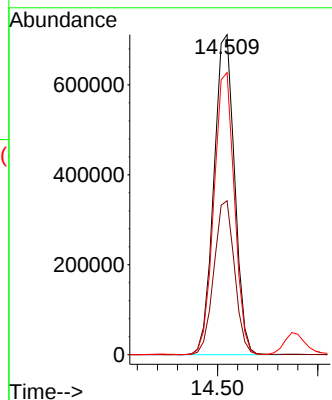
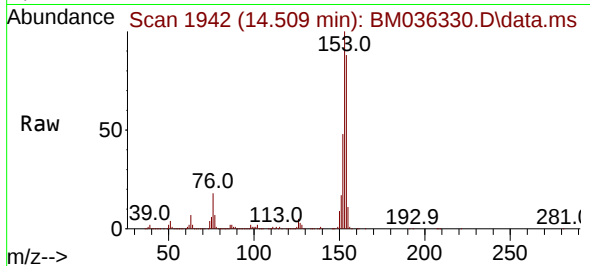




#52
Acenaphthene
Concen: 33.457 ng/ul
RT: 14.509 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

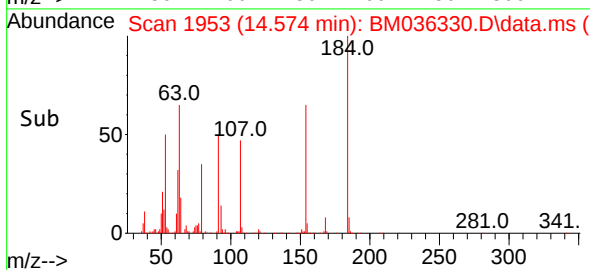
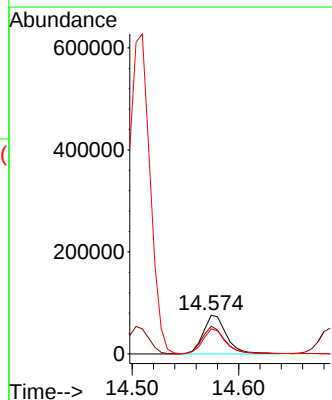
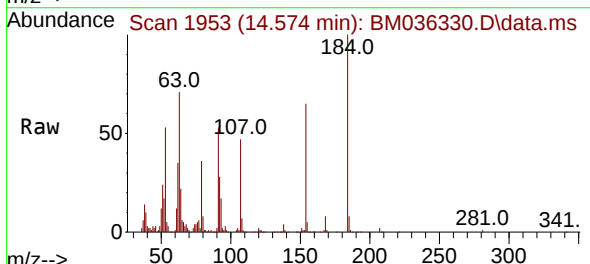
Instrument :
BNA_M
ClientSampleId :

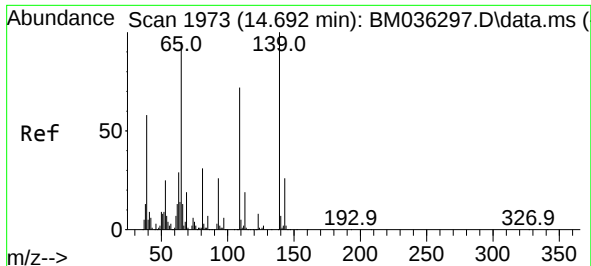
Tgt Ion:153 Resp: 1020865
Ion Ratio Lower Upper
153 100
152 48.1 37.1 55.7
154 88.2 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 34.452 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:184 Resp: 116062
Ion Ratio Lower Upper
184 100
63 71.4 54.2 81.4
154 64.6 49.3 73.9

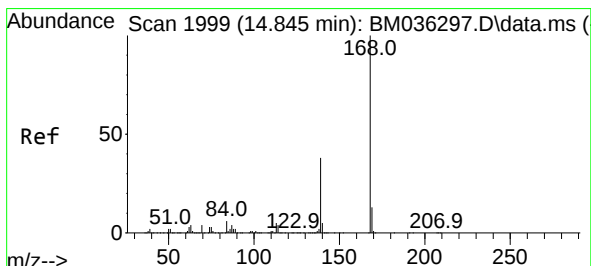
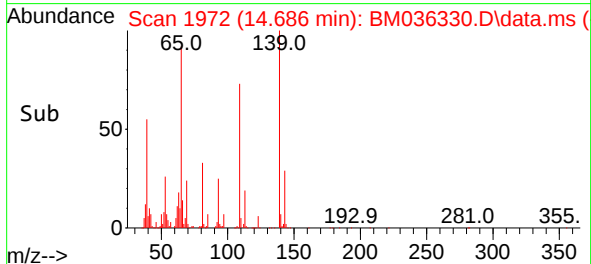
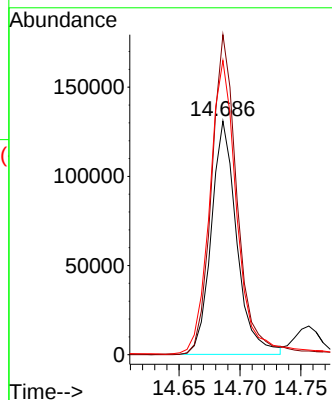
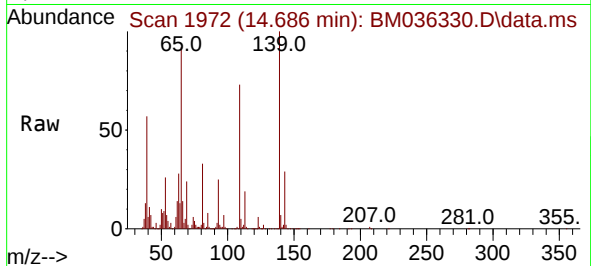




#55
4-Nitrophenol
Concen: 39.861 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

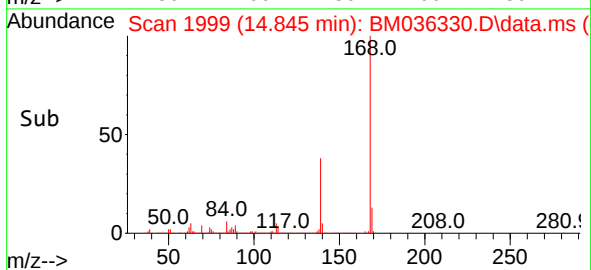
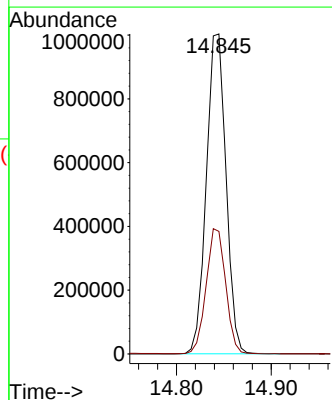
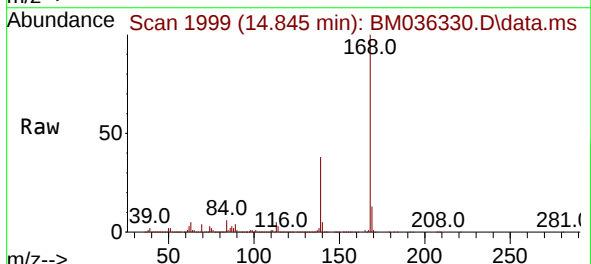
Instrument :
BNA_M
ClientSampleId :

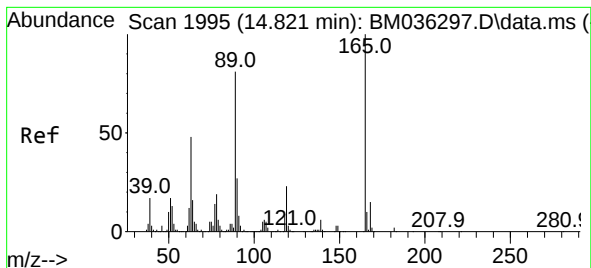
Tgt Ion:109 Resp: 189938
Ion Ratio Lower Upper
109 100
139 137.0 124.9 187.3
65 126.0 122.2 183.4



#56
Dibenzofuran
Concen: 34.161 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:168 Resp: 1446276
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1

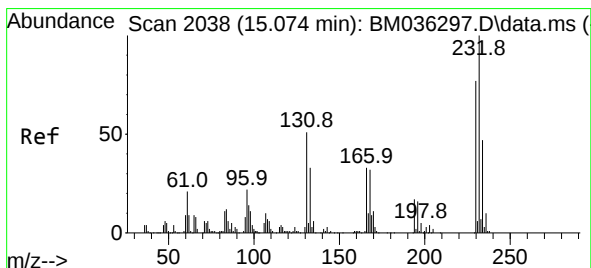
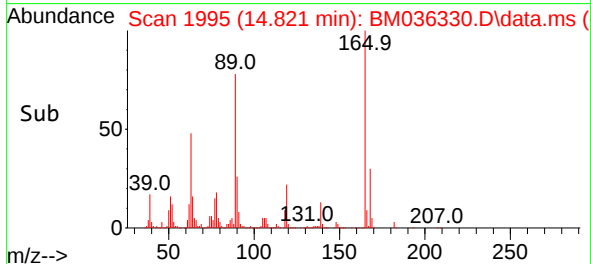
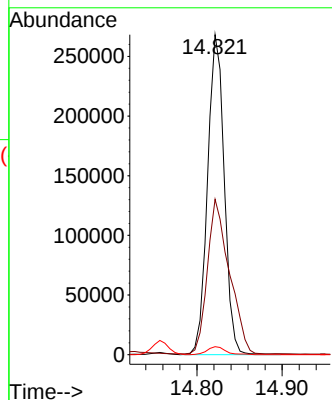
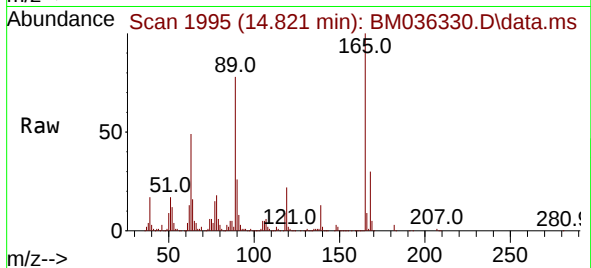




#57
2,4-Dinitrotoluene
Concen: 41.699 ng/ul
RT: 14.821 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

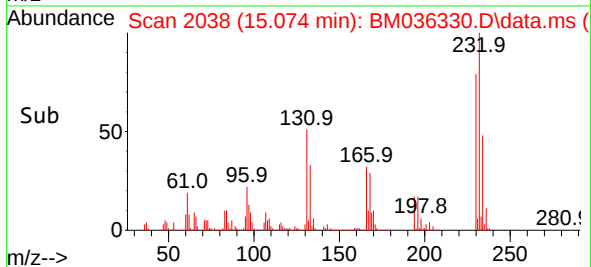
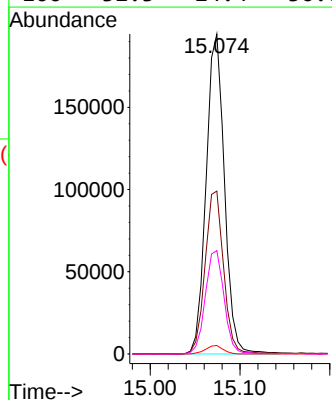
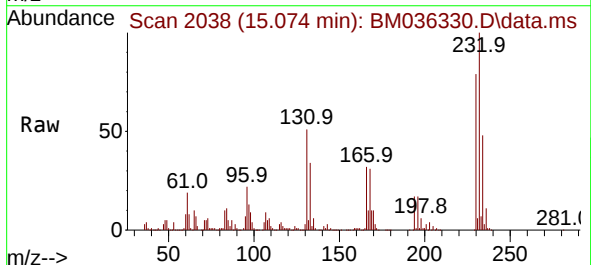
Instrument :
BNA_M
ClientSampleId :

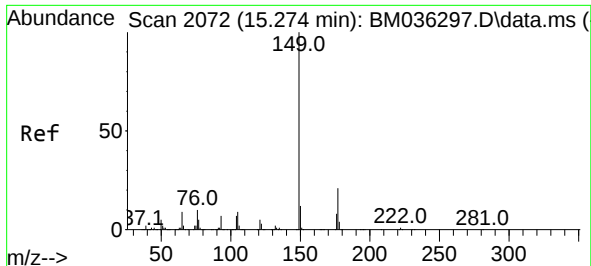
Tgt Ion:165 Resp: 365559
Ion Ratio Lower Upper
165 100
63 48.5 35.9 53.9
182 2.5 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.152 ng/ul
RT: 15.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

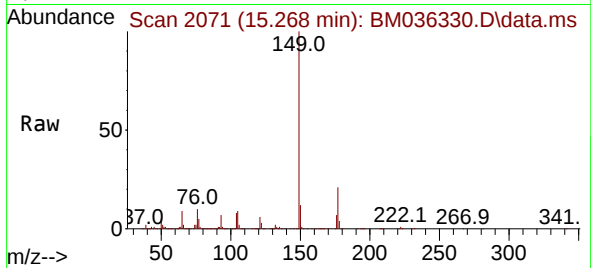
Tgt Ion:232 Resp: 275909
Ion Ratio Lower Upper
232 100
131 50.9 36.7 55.1
130 2.7 1.7 2.5#
166 32.3 24.4 36.6



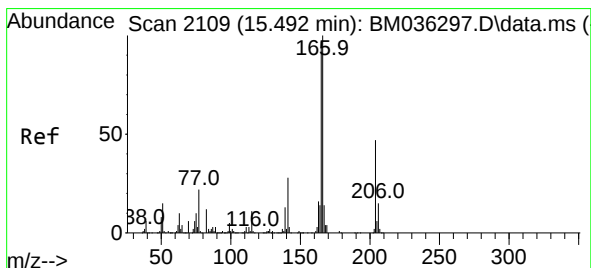
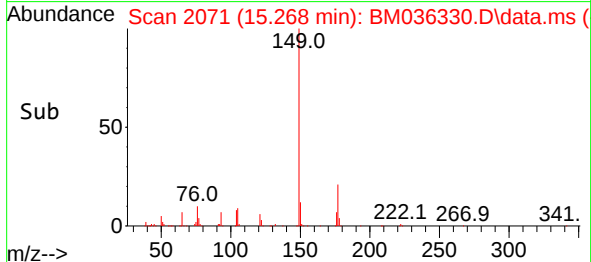
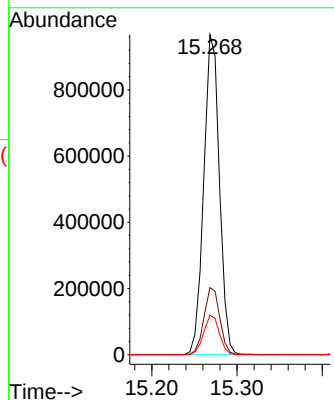


#59
 Diethylphthalate
 Concen: 38.144 ng/ul
 RT: 15.268 min Scan# 2071
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Instrument :
 BNA_M
 ClientSampleId :

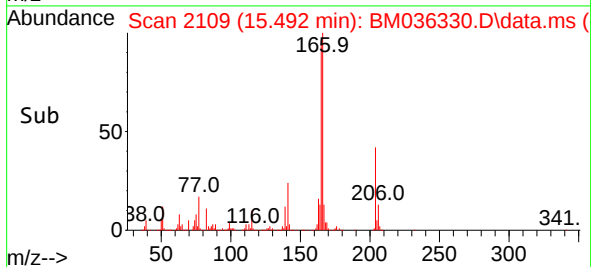
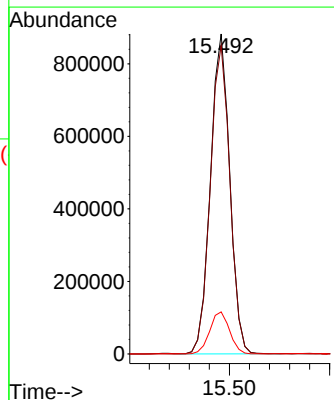
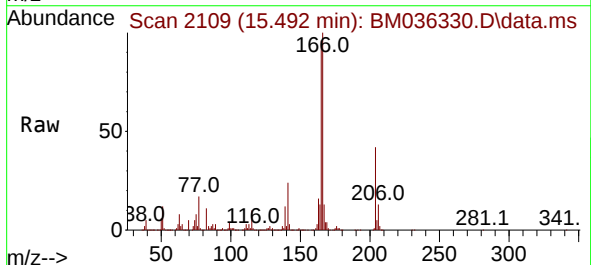


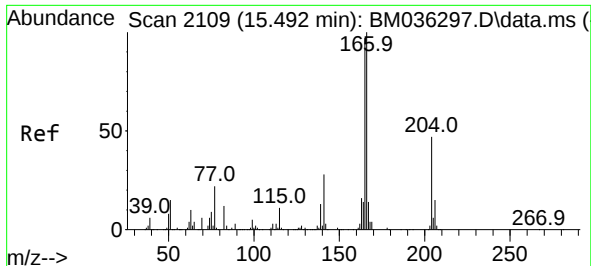
Tgt Ion:149 Resp: 1231872
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.8 25.2
 150 12.4 10.2 15.4



#61
 Fluorene
 Concen: 35.207 ng/ul
 RT: 15.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion:166 Resp: 1182297
 Ion Ratio Lower Upper
 166 100
 165 96.4 77.2 115.8
 167 13.2 11.0 16.4

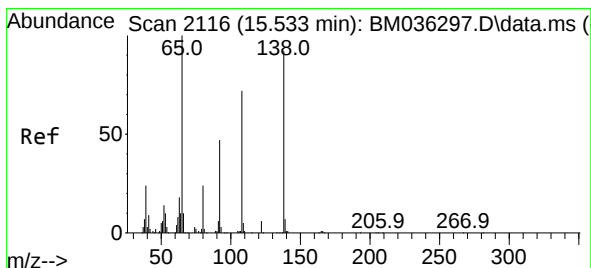
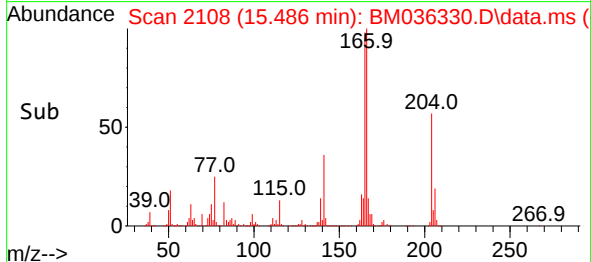
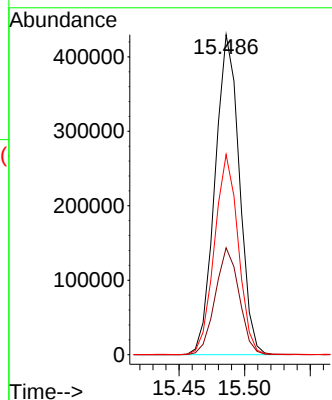
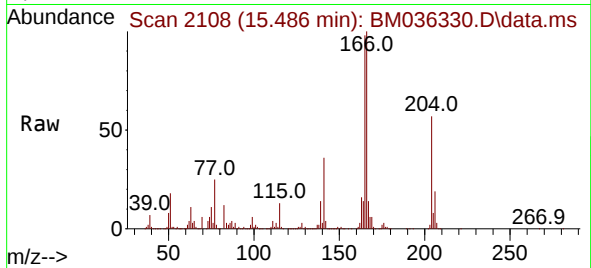




#62
4-Chlorophenyl-phenylether
Concen: 35.336 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

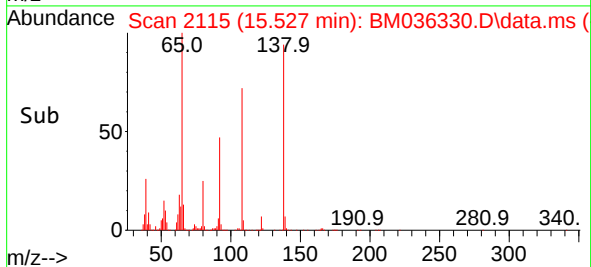
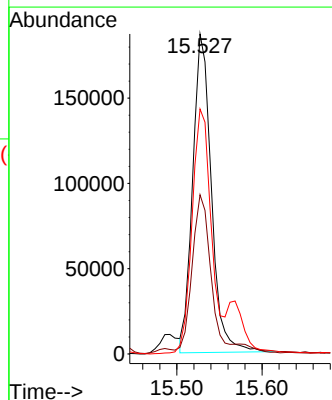
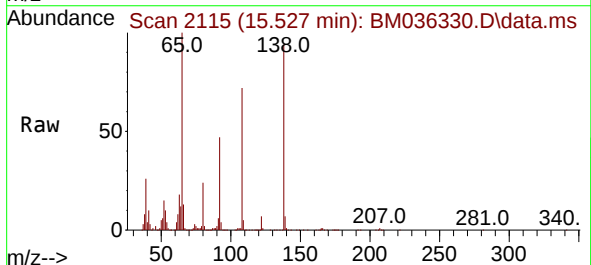
Instrument :
BNA_M
ClientSampleId :

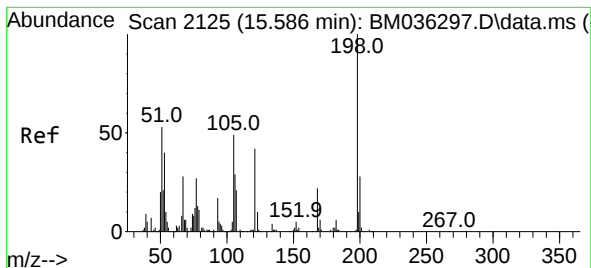
Tgt Ion:204 Resp: 554304
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 62.6 50.6 75.8



#63
4-Nitroaniline
Concen: 45.046 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:138 Resp: 284062
Ion Ratio Lower Upper
138 100
92 49.8 39.2 58.8
108 76.5 51.6 77.4

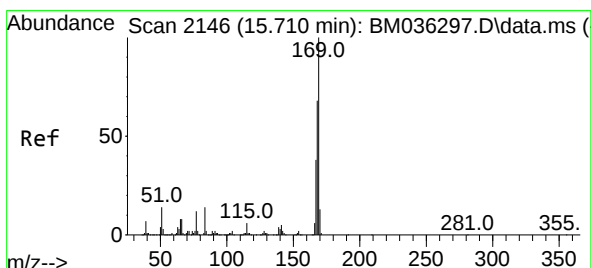
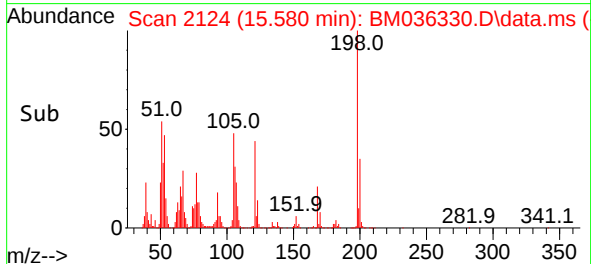
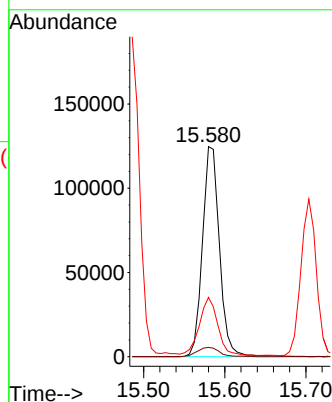
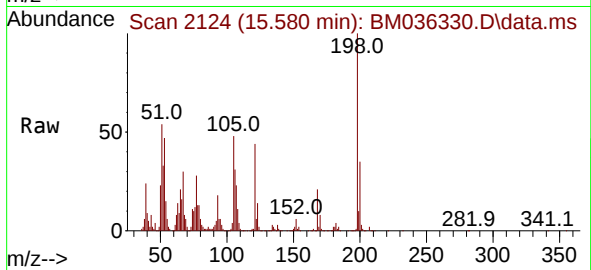




#66
4,6-Dinitro-2-methylphenol
Concen: 34.645 ng/ul
RT: 15.580 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

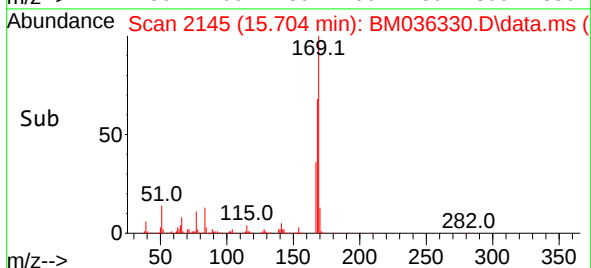
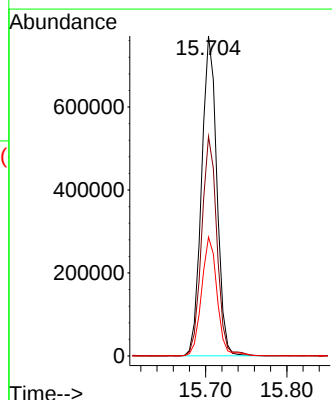
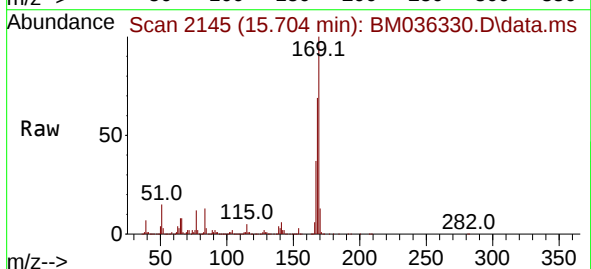
Instrument :
BNA_M
ClientSampleId :

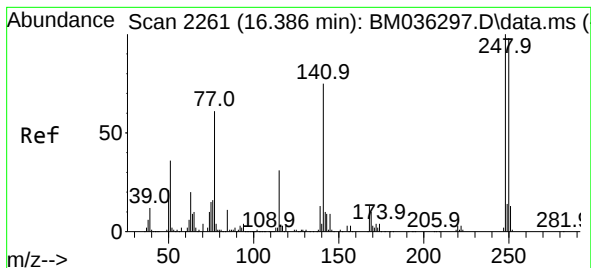
Tgt Ion:198 Resp: 181065
Ion Ratio Lower Upper
198 100
182 4.4 4.2 6.4
77 28.3 19.9 29.9



#67
N-Nitrosodiphenylamine
Concen: 34.968 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

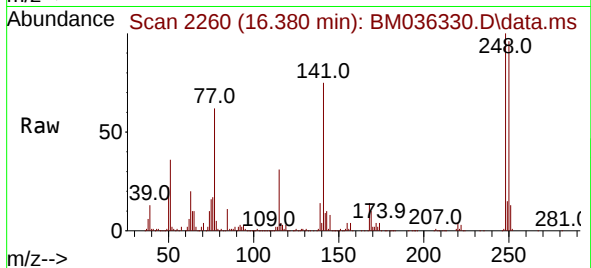
Tgt Ion:169 Resp: 1005147
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 37.2 28.7 43.1



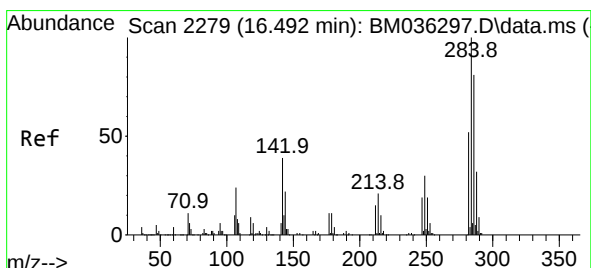
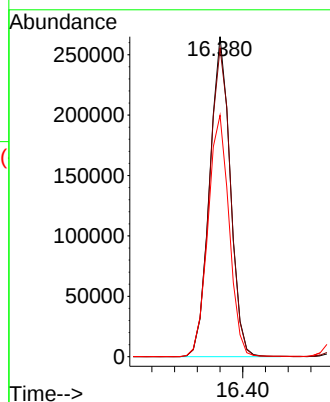
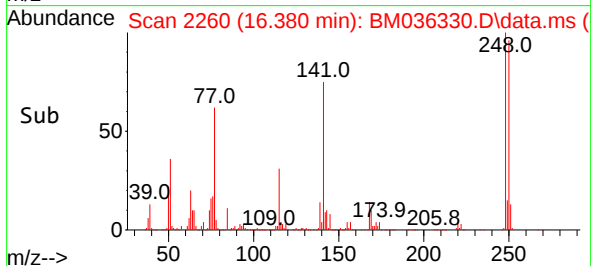


#68
4-Bromophenyl-phenylether
Concen: 35.876 ng/ul
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Instrument :
BNA_M
ClientSampleId :

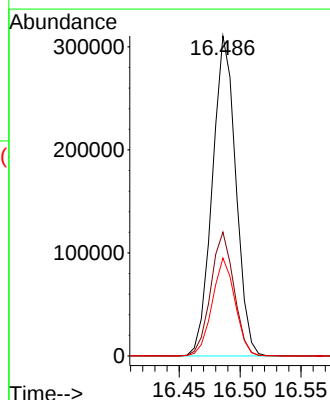
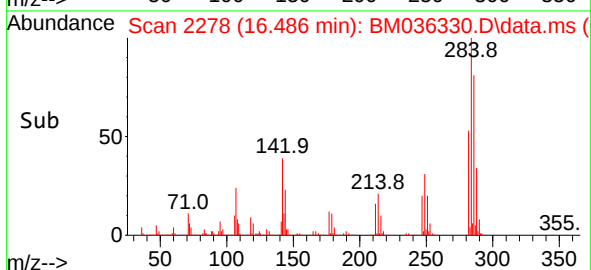
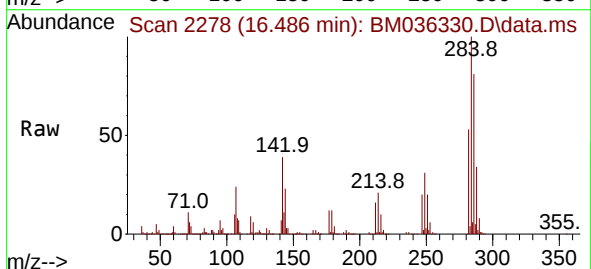


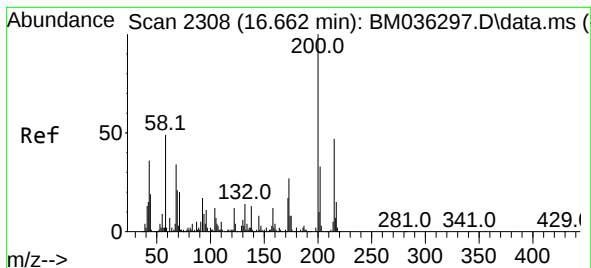
Tgt Ion:248 Resp: 334006
Ion Ratio Lower Upper
248 100
250 96.4 77.3 115.9
141 75.5 59.8 89.8



#69
Hexachlorobenzene
Concen: 36.953 ng/ul
RT: 16.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:284 Resp: 416917
Ion Ratio Lower Upper
284 100
142 38.7 28.6 42.8
249 30.6 24.6 37.0





#70

Atrazine

Concen: 18.663 ng/ul

RT: 16.656 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Instrument :

BNA_M

ClientSampleId :

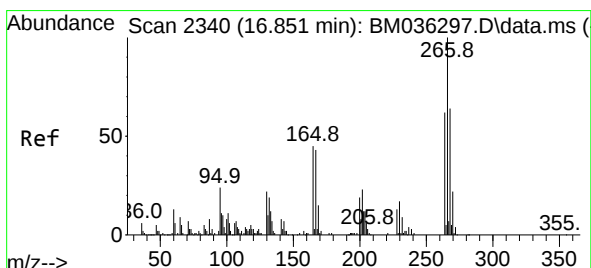
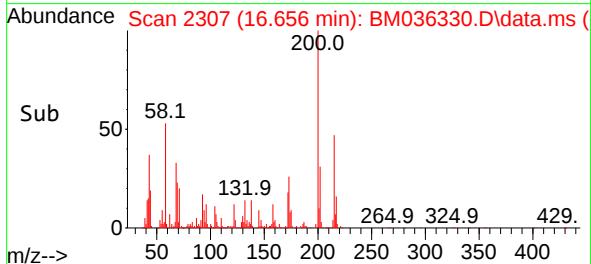
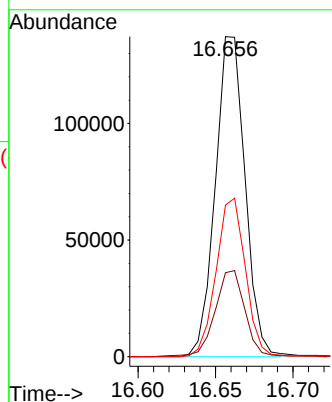
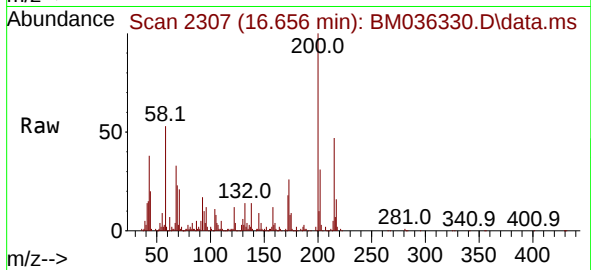
Tgt Ion:200 Resp: 183298

Ion Ratio Lower Upper

200 100

173 26.3 21.3 31.9

215 47.4 39.0 58.6



#71

Pentachlorophenol

Concen: 34.324 ng/ul

RT: 16.839 min Scan# 2338

Delta R.T. -0.012 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

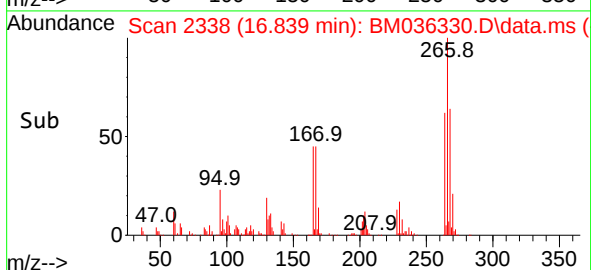
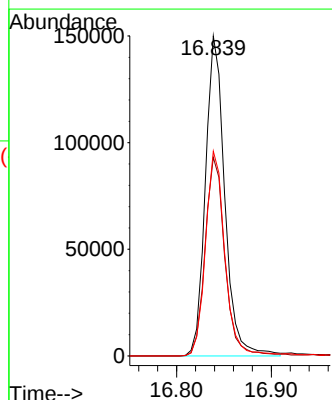
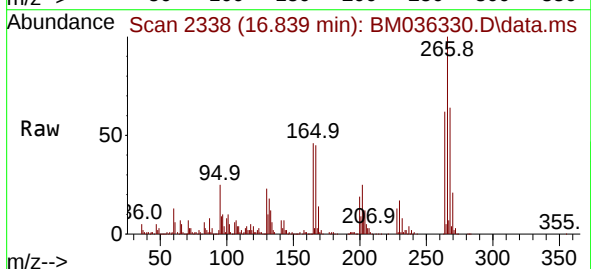
Tgt Ion:266 Resp: 213493

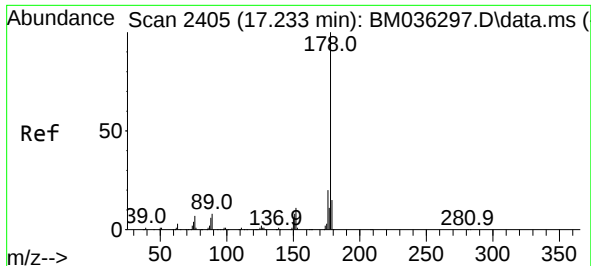
Ion Ratio Lower Upper

266 100

264 62.1 49.5 74.3

268 64.0 51.0 76.4

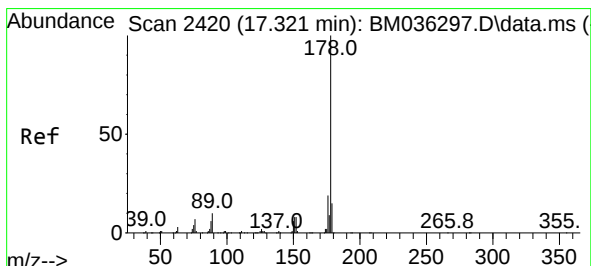
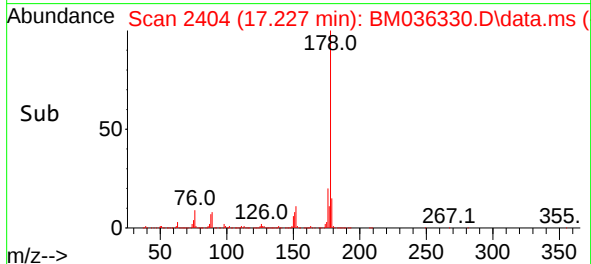
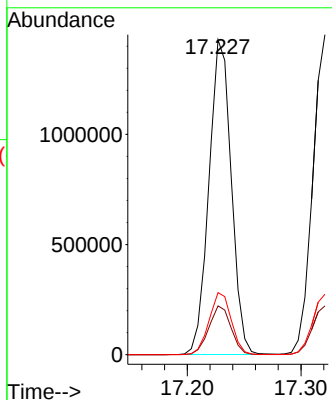
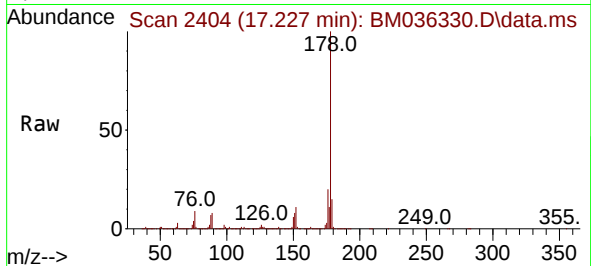




#72
 Phenanthrene
 Concen: 36.961 ng/ul
 RT: 17.227 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

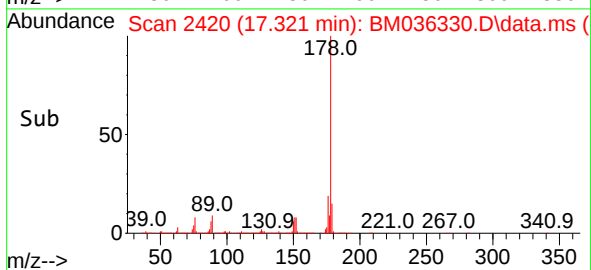
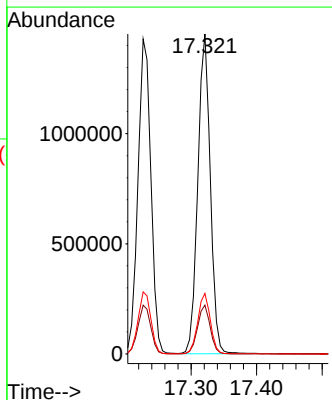
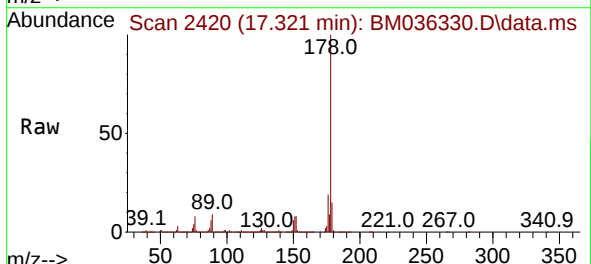
Instrument :
 BNA_M
 ClientSampleId :

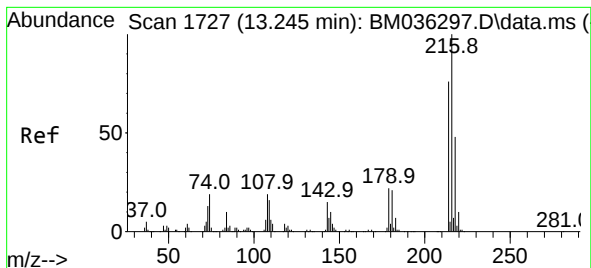
Tgt Ion:178 Resp: 1953642
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 19.7 14.9 22.3



#74
 Anthracene
 Concen: 36.371 ng/ul
 RT: 17.321 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion:178 Resp: 1927317
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 18.9 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.307 ng/uL

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Instrument :

BNA_M

ClientSampleId :

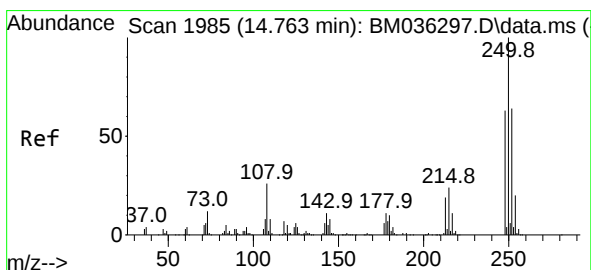
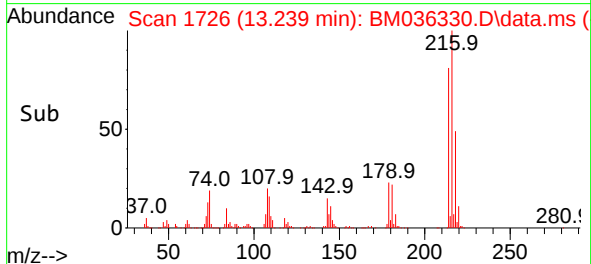
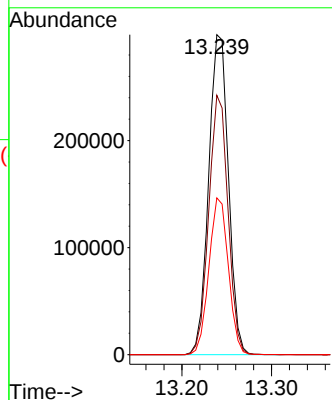
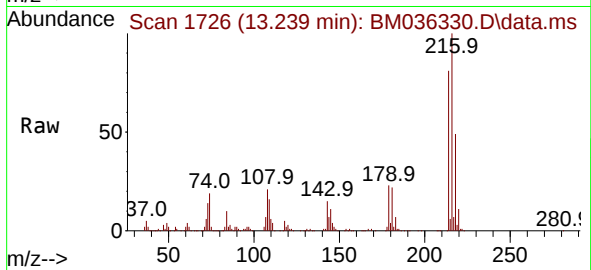
Tgt Ion:216 Resp: 457220

Ion Ratio Lower Upper

216 100

214 81.1 60.9 91.3

218 49.0 37.5 56.3



#76

Pentachlorobenzene

Concen: 32.432 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

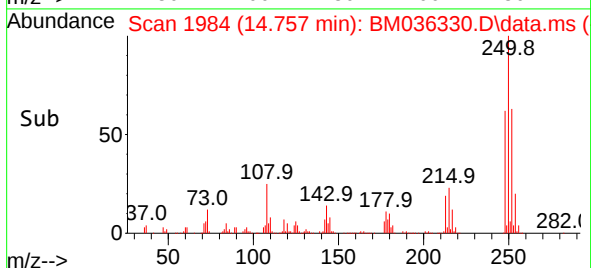
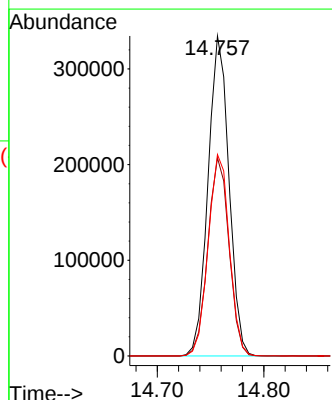
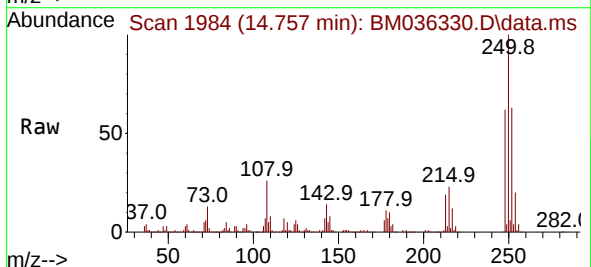
Tgt Ion:250 Resp: 456842

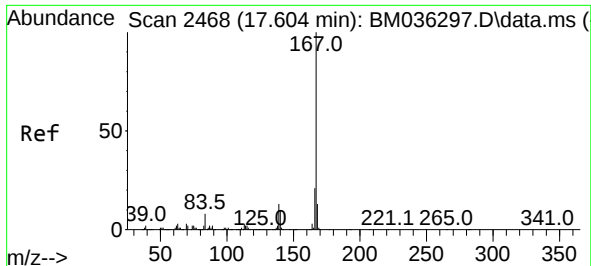
Ion Ratio Lower Upper

250 100

248 61.9 50.4 75.6

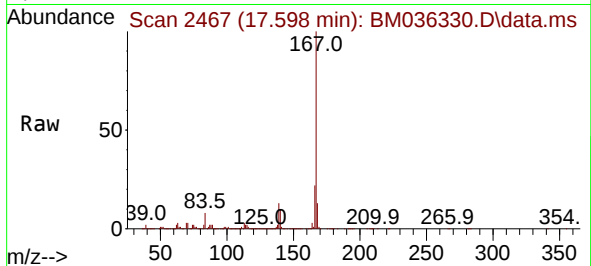
252 63.0 51.1 76.7



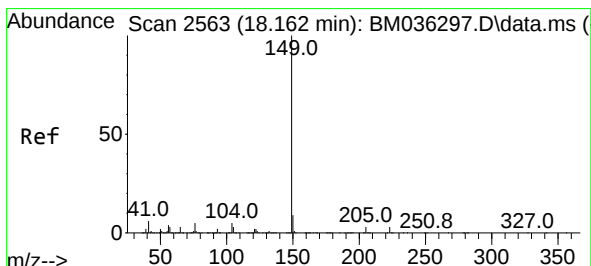
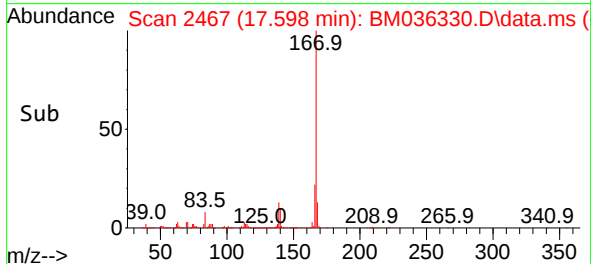
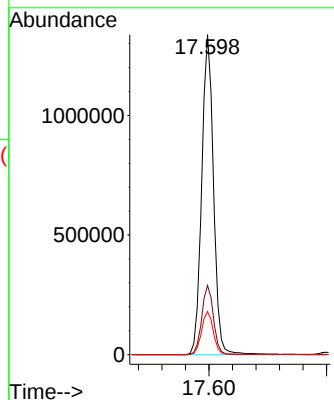


#77
 Carbazole
 Concen: 37.439 ng/ul
 RT: 17.598 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Instrument :
 BNA_M
 ClientSampleId :

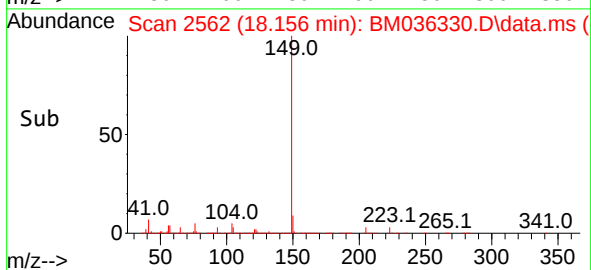
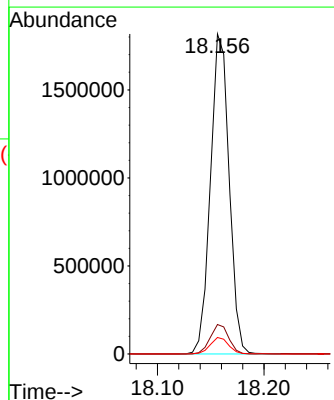
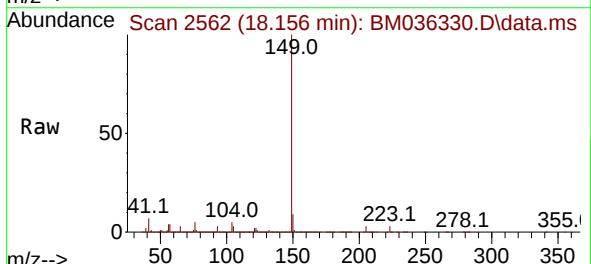


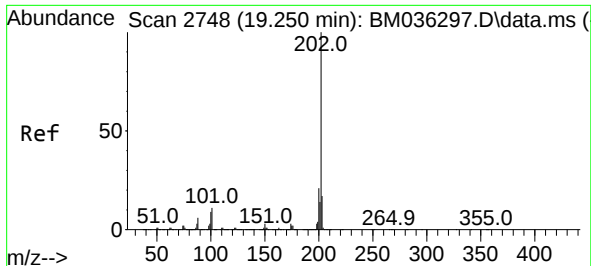
Tgt Ion:167 Resp: 1857569
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.5 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 40.860 ng/ul
 RT: 18.156 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion:149 Resp: 2217377
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 3.7 5.5

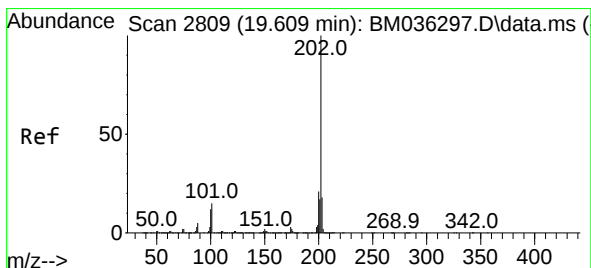
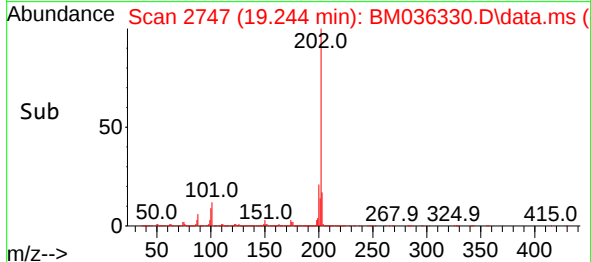
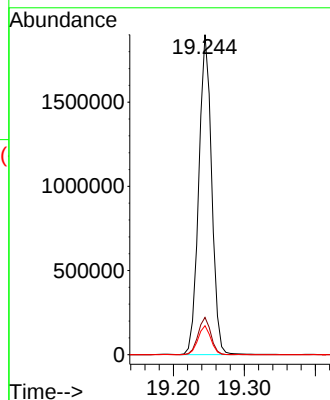
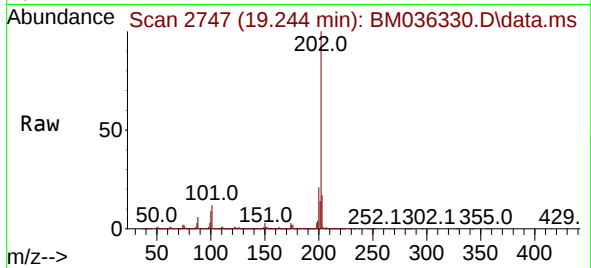




#80
Fluoranthene
Concen: 38.914 ng/ul
RT: 19.244 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

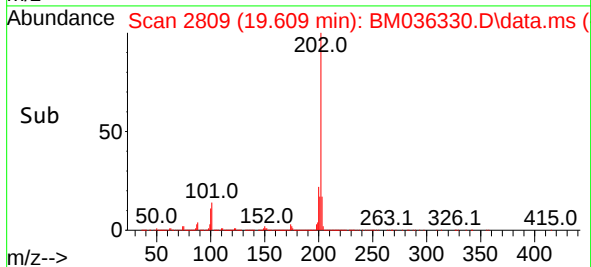
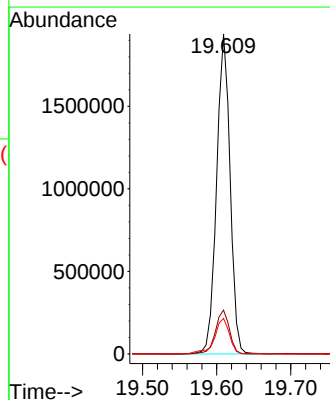
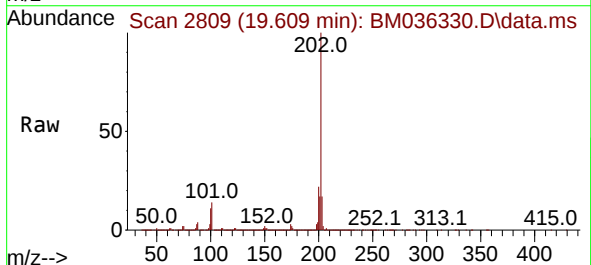
Instrument :
BNA_M
ClientSampleId :

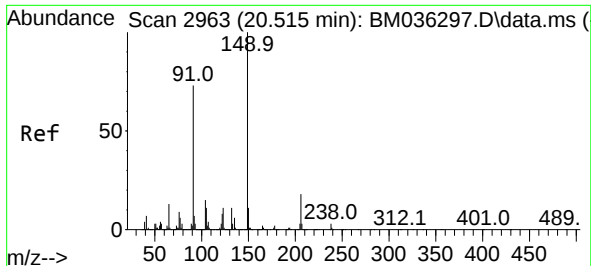
Tgt Ion:202 Resp: 2402505
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.1 7.8 11.6



#82
Pyrene
Concen: 37.953 ng/ul
RT: 19.609 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:202 Resp: 2445241
Ion Ratio Lower Upper
202 100
101 13.7 11.9 17.9
100 11.1 10.2 15.4

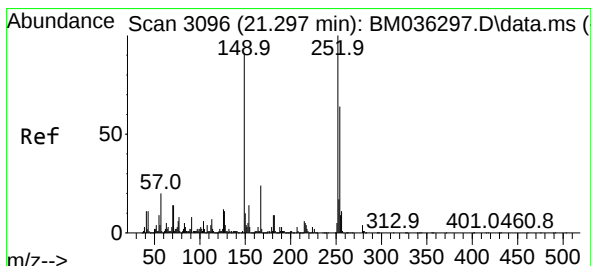
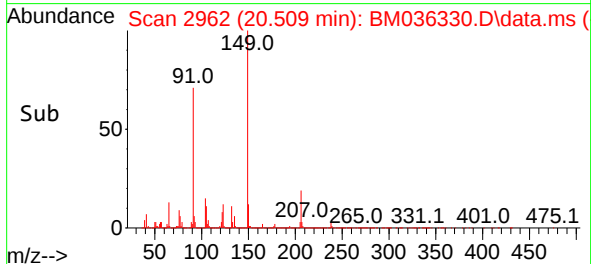
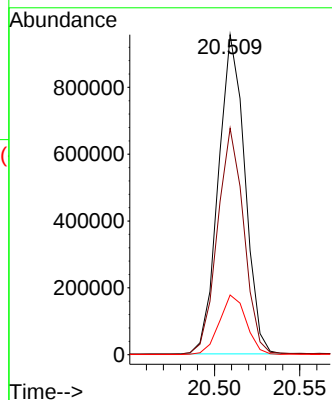
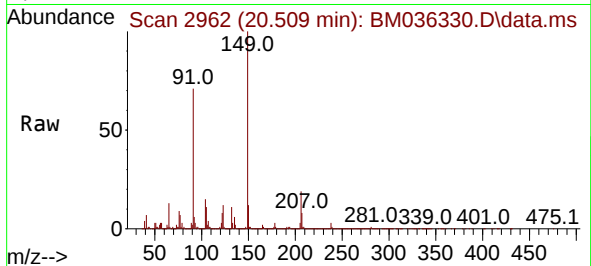




#83
 Butylbenzylphthalate
 Concen: 42.871 ng/ul
 RT: 20.509 min Scan# 2962
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

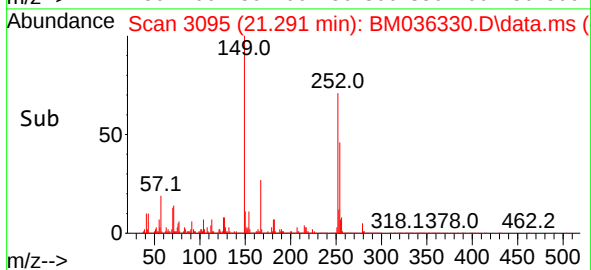
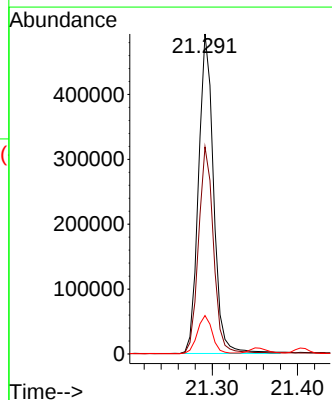
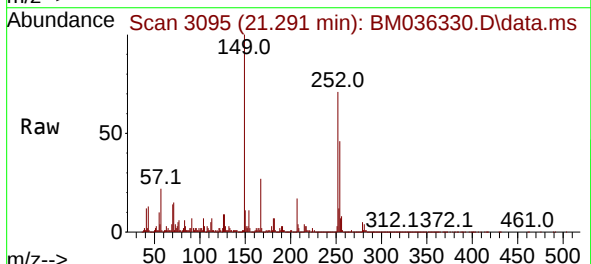
Instrument :
 BNA_M
 ClientSampleId :

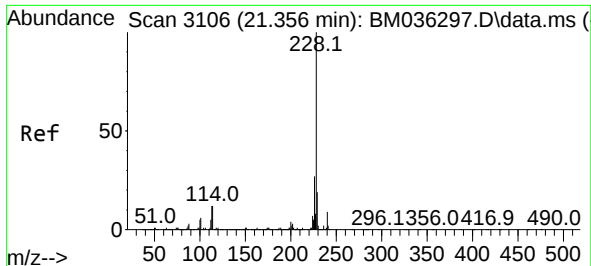
Tgt Ion:149 Resp: 1033314
 Ion Ratio Lower Upper
 149 100
 91 70.7 53.2 79.8
 206 18.7 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 29.861 ng/ul
 RT: 21.291 min Scan# 3095
 Delta R.T. -0.006 min
 Lab File: BM036330.D
 Acq: 18 Aug 2022 00:02

Tgt Ion:252 Resp: 605554
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.4 78.6
 126 12.0 10.8 16.2

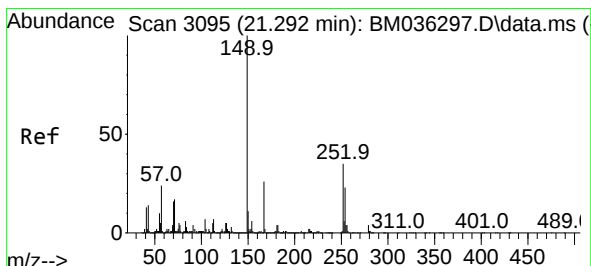
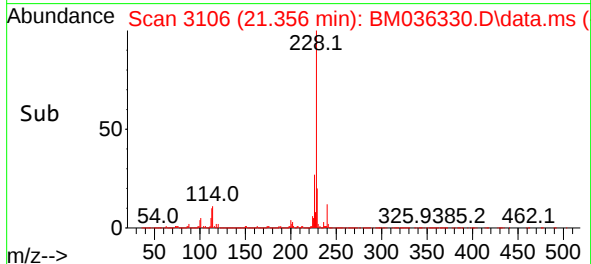
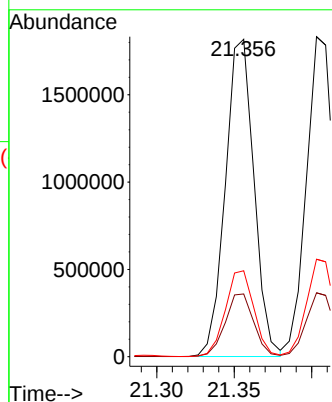
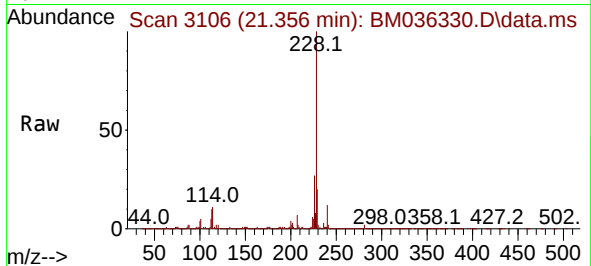




#85
Benzo(a)anthracene
Concen: 39.476 ng/ul
RT: 21.356 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

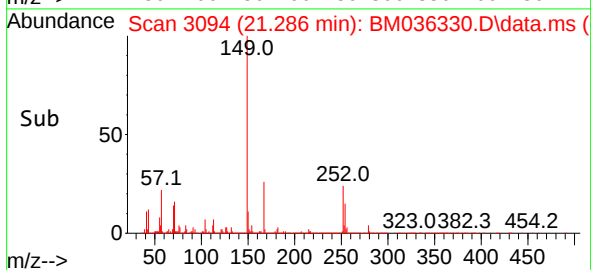
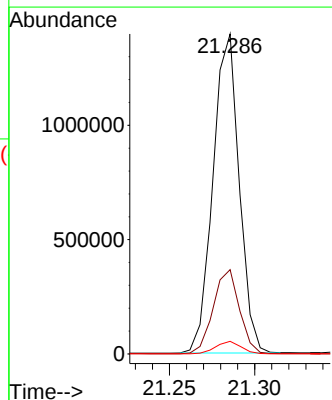
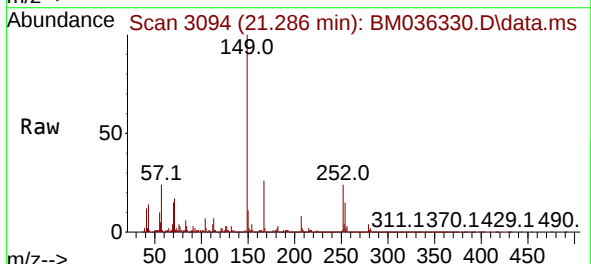
Instrument :
BNA_M
ClientSampleId :

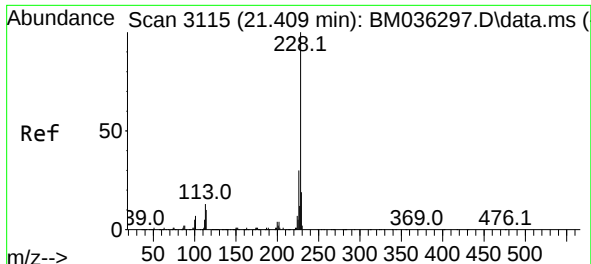
Tgt Ion:228 Resp: 2336219
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.1 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 44.792 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

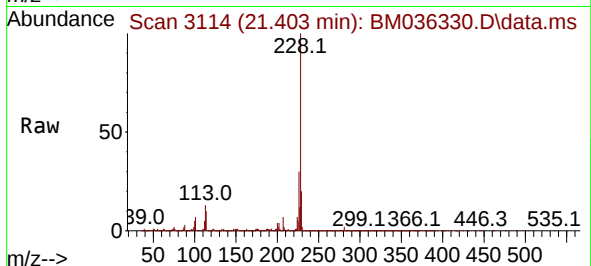
Tgt Ion:149 Resp: 1490608
Ion Ratio Lower Upper
149 100
167 26.4 21.5 32.3
279 3.9 3.4 5.2



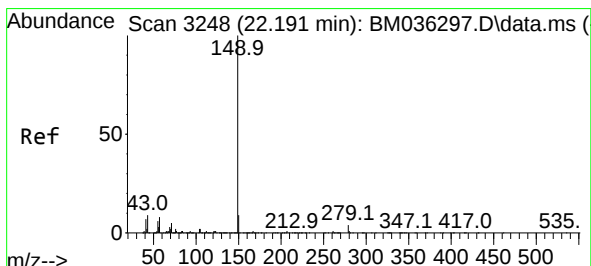
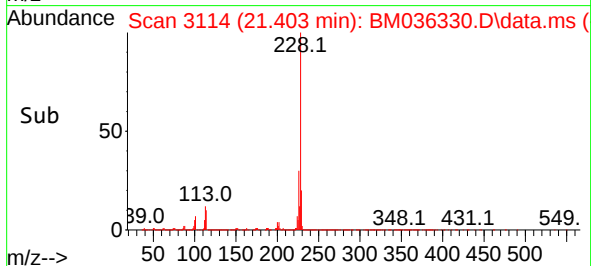
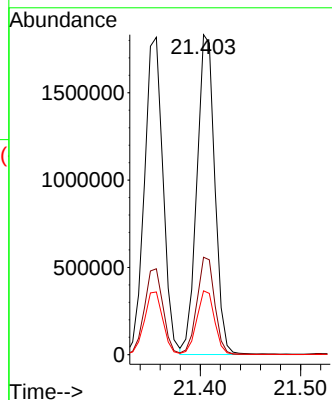


#87
Chrysene
Concen: 39.285 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Instrument :
BNA_M
ClientSampleId :

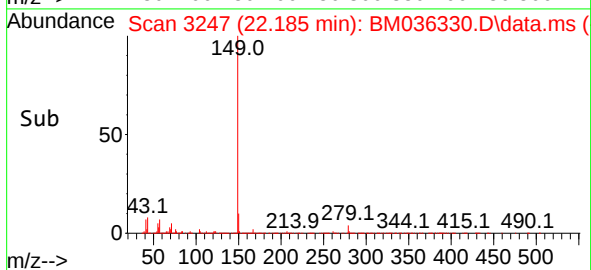
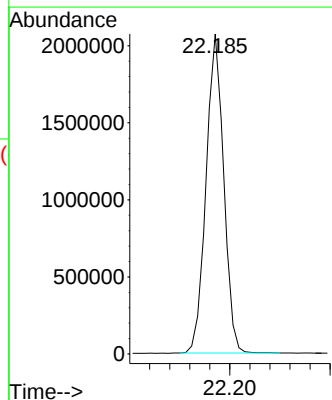
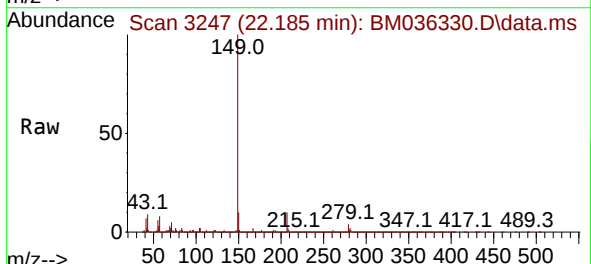


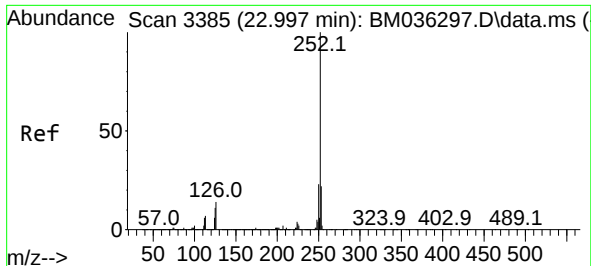
Tgt Ion:228 Resp: 2284410
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 19.9 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 40.699 ng/ul
RT: 22.185 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:149 Resp: 2529351

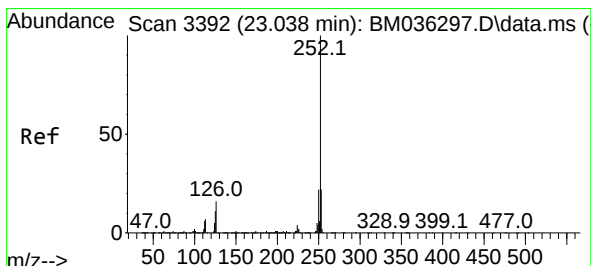
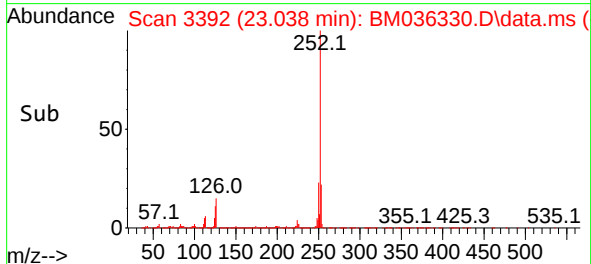
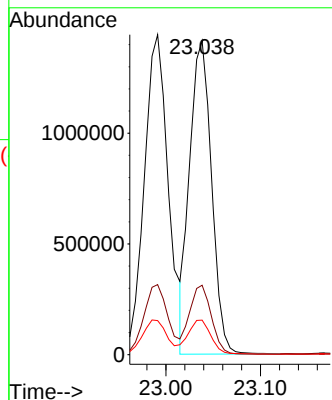
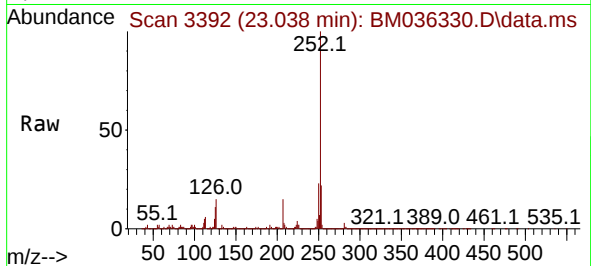




#90
Benzo(b)fluoranthene
Concen: 35.774 ng/ul
RT: 23.038 min Scan# 31
Delta R.T. 0.041 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

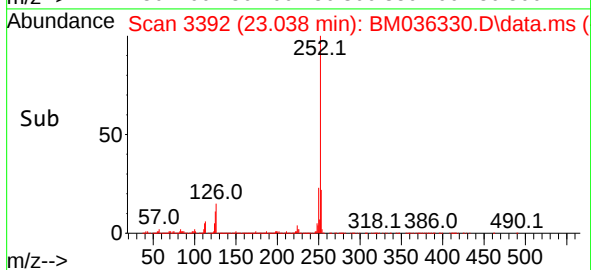
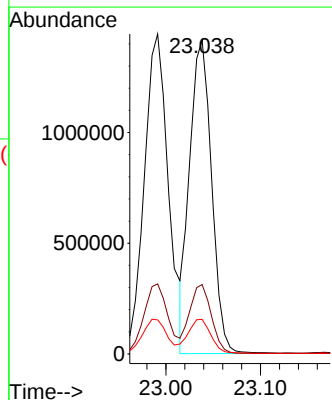
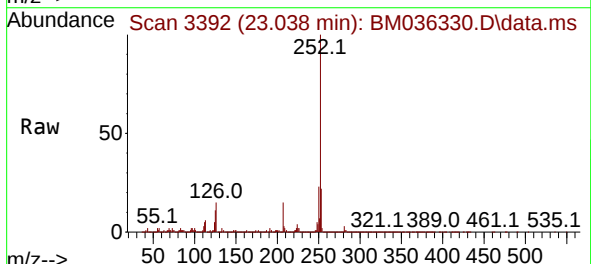
Instrument :
BNA_M
ClientSampleId :

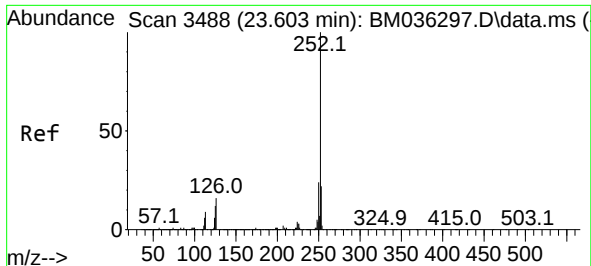
Tgt Ion:252 Resp: 2280189
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 37.742 ng/ul
RT: 23.038 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:252 Resp: 2288704
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.0 10.6 15.8

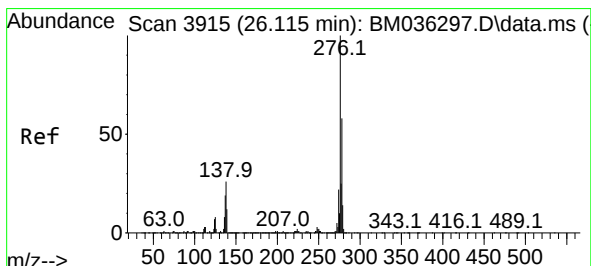
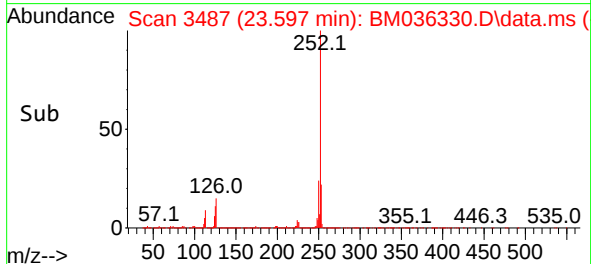
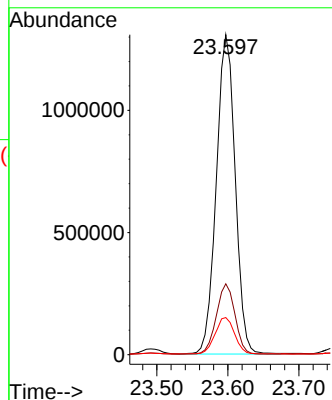
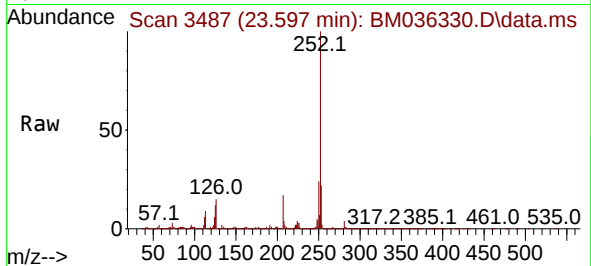




#93
Benzo(a)pyrene
Concen: 38.401 ng/ul
RT: 23.597 min Scan# 3488
Delta R.T. -0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

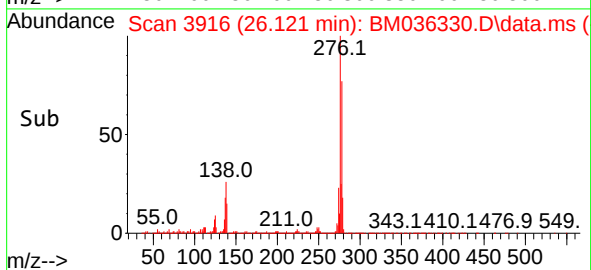
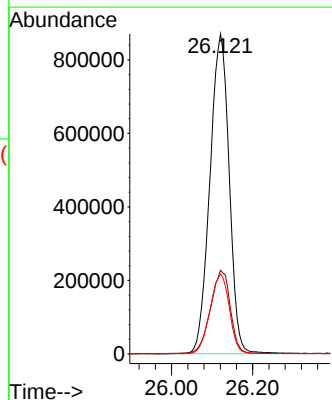
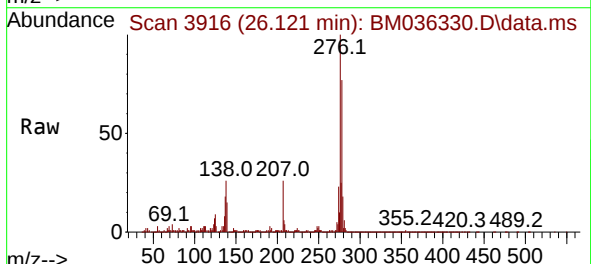
Instrument :
BNA_M
ClientSampleId :

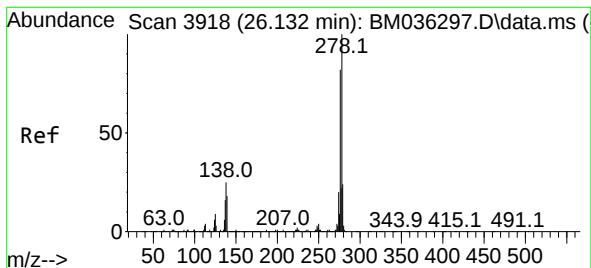
Tgt Ion:252 Resp: 2407973
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.6 11.8 17.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.786 ng/ul
RT: 26.121 min Scan# 3916
Delta R.T. 0.006 min
Lab File: BM036330.D
Acq: 18 Aug 2022 00:02

Tgt Ion:276 Resp: 2859526
Ion Ratio Lower Upper
276 100
138 26.2 25.6 38.4
277 24.9 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 38.116 ng/ul

RT: 26.132 min Scan# 3918

Delta R.T. -0.000 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Instrument :

BNA_M

ClientSampleId :

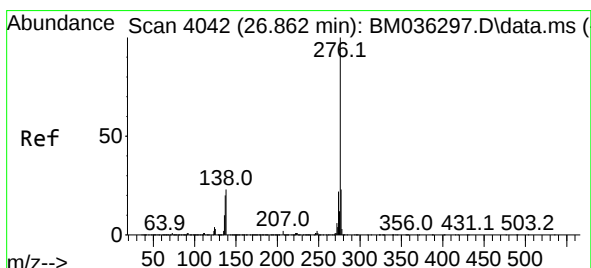
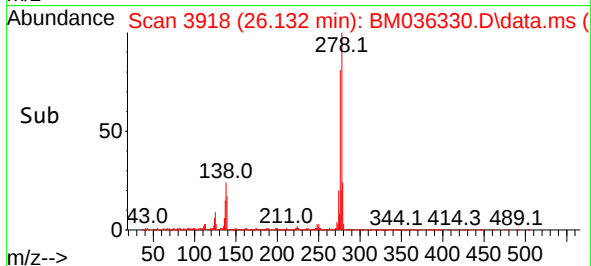
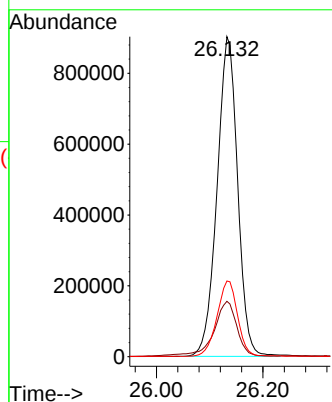
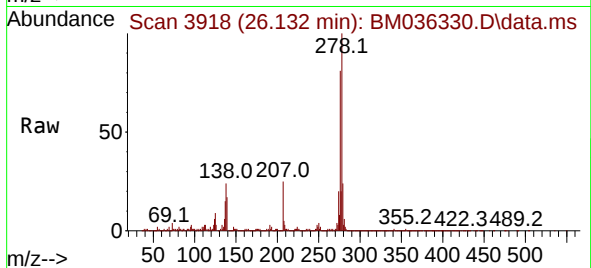
Tgt Ion:278 Resp: 2420713

Ion Ratio Lower Upper

278 100

139 17.3 16.2 24.2

279 23.7 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 34.135 ng/ul

RT: 26.862 min Scan# 4042

Delta R.T. -0.000 min

Lab File: BM036330.D

Acq: 18 Aug 2022 00:02

Tgt Ion:276 Resp: 2152111

Ion Ratio Lower Upper

276 100

138 22.5 21.3 31.9

277 23.4 18.6 28.0

