

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035961.D
 Acq On : 27 Jul 2022 21:29
 Operator : CG/JU
 Sample : PB146484BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 23:15:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	269243	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.693	136	1100256	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.522	164	622617	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.263	188	1243628	20.000	ng/u1	-0.02
79) Chrysene-d12	21.439	240	1147417	20.000	ng/u1	-0.02
88) Perylene-d12	23.809	264	1197152	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	42587	5.952	ng/uL	0.00
4) Pyridine-d5	3.699	84	564370	28.792	ng/u1	0.00
7) Phenol-d5	7.052	99	695473	30.802	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.216	67	426607	28.343	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.416	132	607317	32.405	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	545186	29.806	ng/u1	-0.02
21) Nitrobenzene-d5	9.052	128	290556	33.326	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.775	143	307664	36.220	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.316	165	522084	33.983	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.834	131	724795	27.869	ng/u1	-0.02
46) Dimethylphthalate-d6	13.940	166	1441716	33.994	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	1868950	34.538	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.728	143	287863	33.053	ng/u1	-0.02
60) Fluorene-d10	15.510	176	1266611	33.050	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.639	200	226316	33.855	ng/u1	-0.03
73) Anthracene-d10	17.363	188	1894783	33.700	ng/u1	-0.02
81) Pyrene-d10	19.651	212	2158418	33.942	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.657	264	2090714	34.399	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	89068	12.012	ng/uL	94
5) Pyridine	3.717	79	611993	29.752	ng/u1	88
6) Benzaldehyde	7.022	77	477807	50.421	ng/u1	95
8) Phenol	7.081	94	746648	30.218	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.311	93	592677	29.836	ng/u1	96
12) 2-Chlorophenol	7.446	128	624167	32.466	ng/u1	97
13) 2-Methylphenol	8.334	108	561736	30.432	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	780002	29.748	ng/u1	98
16) Acetophenone	8.716	105	871226	29.666	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.705	70	442158	30.192	ng/u1	92
18) 4-Methylphenol	8.663	108	598719	30.235	ng/u1	99
19) Hexachloroethane	8.963	117	265901	33.521	ng/u1	91
22) Nitrobenzene	9.099	77	637886	31.972	ng/u1	96
23) Isophorone	9.622	82	1205845	32.018	ng/u1	98
25) 2-Nitrophenol	9.804	139	332023	35.233	ng/u1	98
26) 2,4-Dimethylphenol	9.869	107	620753	32.237	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	750507	31.597	ng/u1	99
29) 2,4-Dichlorophenol	10.340	162	539149	33.812	ng/u1	98
30) Naphthalene	10.740	128	1897871	32.680	ng/u1	100
32) 4-Chloroaniline	10.857	127	735380	28.464	ng/u1	98
33) Hexachlorobutadiene	11.022	225	346720	35.222	ng/u1	99
34) Caprolactam	11.640	113	178945	33.956	ng/u1	83
35) 4-Chloro-3-methylphenol	11.981	107	551045	33.235	ng/u1	97
36) 2-Methylnaphthalene	12.351	142	1228246	32.326	ng/u1	99

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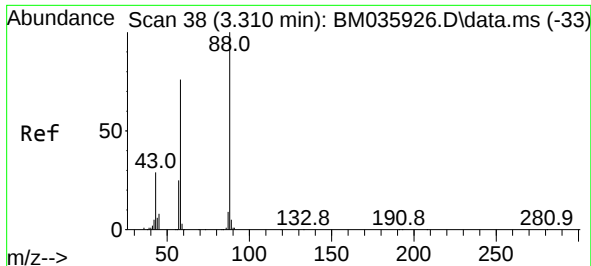
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1227672	32.056	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	606049	34.195	ng/ul	98
40) Hexachlorocyclopentadiene	12.693	237	372846	31.587	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	401486	35.399	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	429684	35.505	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1592030	33.221	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	1226636	33.352	ng/ul	98
45) 2-Nitroaniline	13.610	65	350883	34.606	ng/ul	97
47) Dimethylphthalate	13.987	163	1472948	34.528	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	309913	36.591	ng/ul	98
50) Acenaphthylene	14.245	152	2002545	33.454	ng/ul	99
51) 3-Nitroaniline	14.434	138	336962	35.999	ng/ul	98
52) Acenaphthene	14.587	153	1276236	32.864	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	160236	33.321	ng/ul	99
55) 4-Nitrophenol	14.739	109	215523	32.356	ng/ul	86
56) Dibenzofuran	14.922	168	1799990	33.499	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	439303	36.796	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.145	232	346691	36.461	ng/ul#	95
59) Diethylphthalate	15.345	149	1537025	35.620	ng/ul	100
61) Fluorene	15.569	166	1454631	33.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	700589	33.313	ng/ul	97
63) 4-Nitroaniline	15.592	138	377065	43.757	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	230008	34.385	ng/ul#	97
67) N-Nitrosodiphenylamine	15.781	169	1230066	33.644	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	428532	35.149	ng/ul	98
69) Hexachlorobenzene	16.569	284	518423	34.899	ng/ul	97
70) Atrazine	16.733	200	451740	35.623	ng/ul	100
71) Pentachlorophenol	16.910	266	306474	33.771	ng/ul	99
72) Phenanthrene	17.304	178	2243542	33.659	ng/ul	98
74) Anthracene	17.398	178	2281198	34.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	608927	31.486	ng/ul	98
76) Pentachlorobenzene	14.839	250	591271	33.728	ng/ul	99
77) Carbazole	17.669	167	2139154	34.629	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2741666	39.337	ng/ul	100
80) Fluoranthene	19.316	202	2628967	34.601	ng/ul	99
82) Pyrene	19.680	202	2692166	34.377	ng/ul	96
83) Butylbenzylphthalate	20.580	149	1175594	41.274	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.357	252	921653	43.528	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2555763	35.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1730727	42.053	ng/ul	100
87) Chrysene	21.474	228	2454216	34.828	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2870972	37.136	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2627643	32.888	ng/ul	97
91) Benzo(k)fluoranthene	23.086	252	2627643	34.658	ng/ul	97
93) Benzo(a)pyrene	23.709	252	2599693	34.162	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.286	276	3099591	38.212	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.303	278	2674063	38.425	ng/ul	96
96) Benzo(g,h,i)perylene	27.050	276	2627418	39.088	ng/ul	95

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

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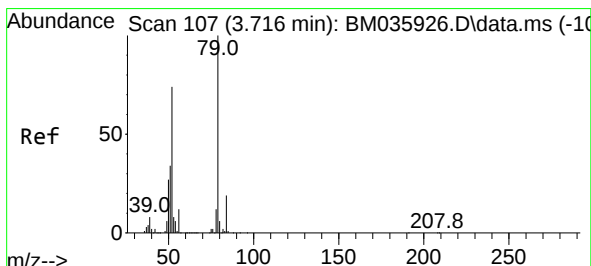
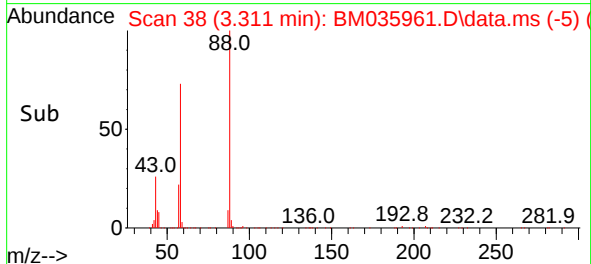
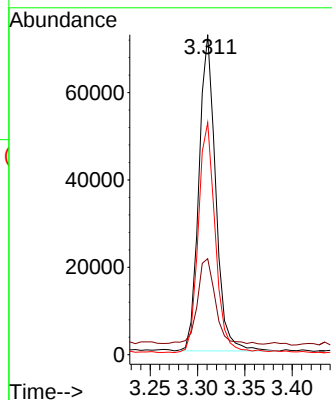
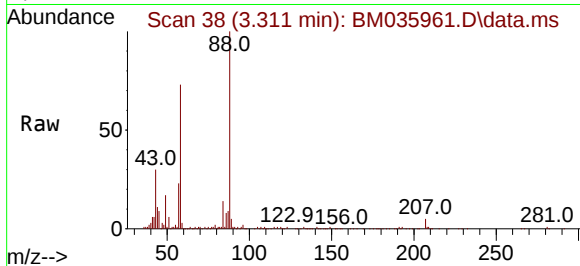




#2
1,4-Dioxane
Concen: 12.012 ng/uL
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BM035961.D
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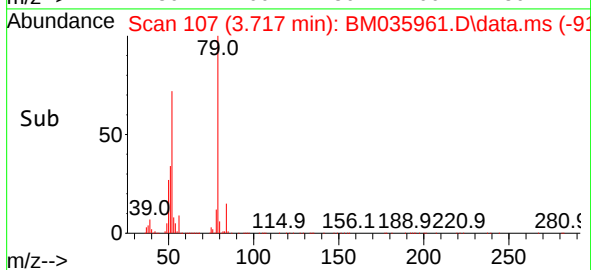
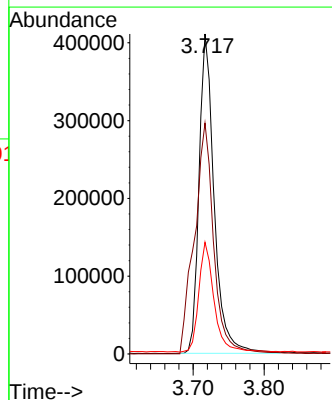
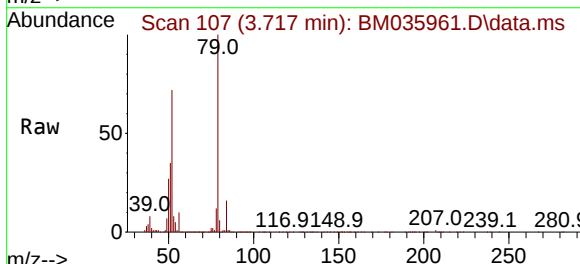
Instrument :
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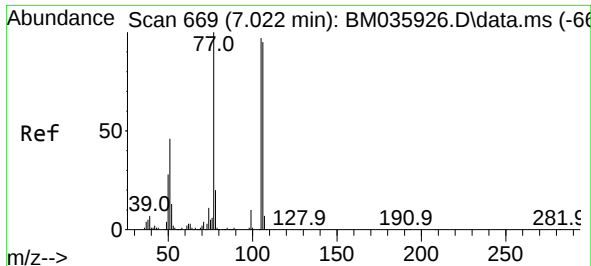
Tgt Ion: 88 Resp: 89068
Ion Ratio Lower Upper
88 100
43 30.0 27.8 41.8
58 72.6 61.8 92.8



#5
Pyridine
Concen: 29.752 ng/uL
RT: 3.717 min Scan# 107
Delta R.T. -0.006 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion: 79 Resp: 611993
Ion Ratio Lower Upper
79 100
52 72.2 67.8 101.6
51 34.9 31.4 47.0

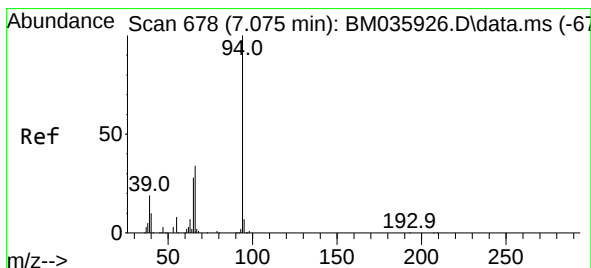
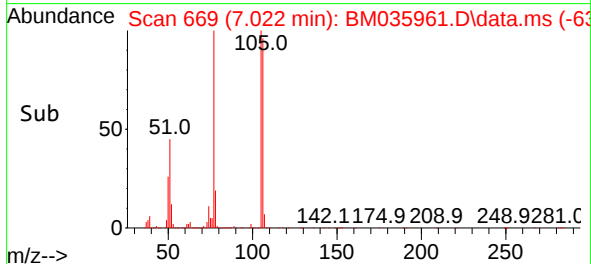
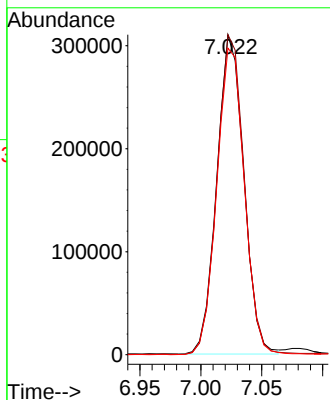
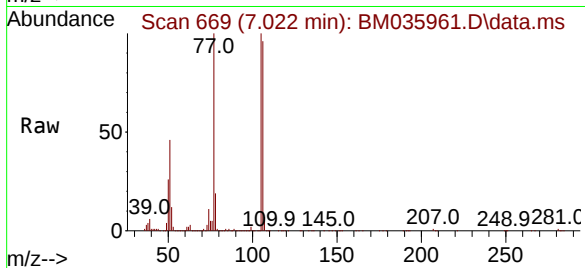




#6
Benzaldehyde
Concen: 50.421 ng/ul
RT: 7.022 min Scan# 669
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

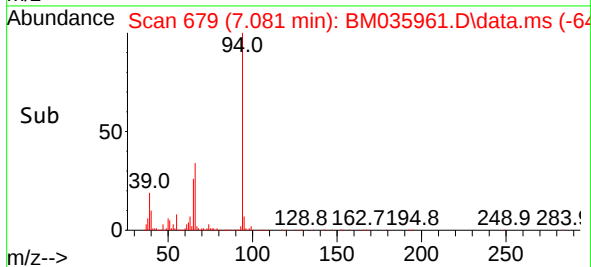
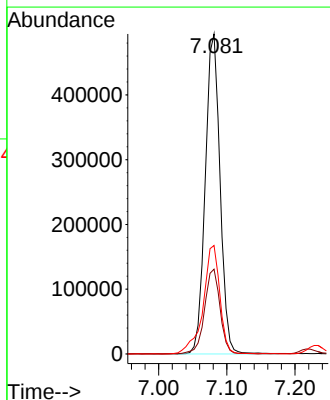
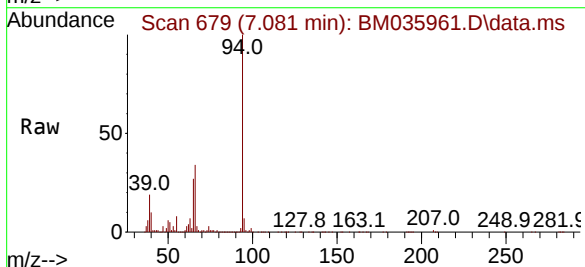
Instrument :
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ClientSampleId :

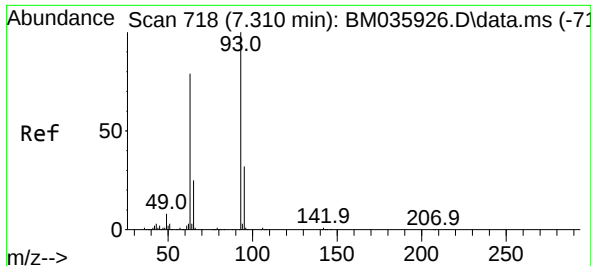
Tgt Ion: 77 Resp: 477807
Ion Ratio Lower Upper
77 100
105 100.1 84.6 127.0
106 95.9 80.3 120.5



#8
Phenol
Concen: 30.218 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion: 94 Resp: 746648
Ion Ratio Lower Upper
94 100
65 26.5 21.3 31.9
66 33.9 27.4 41.0



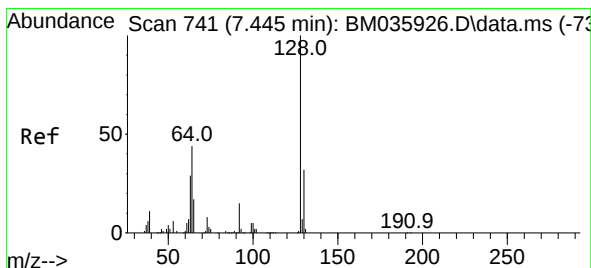
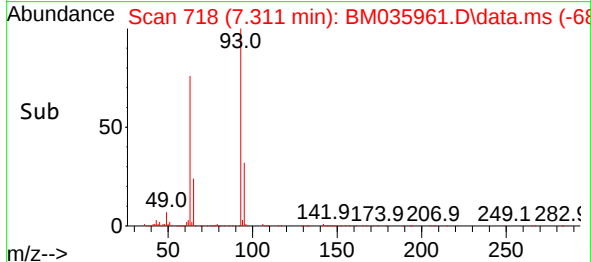
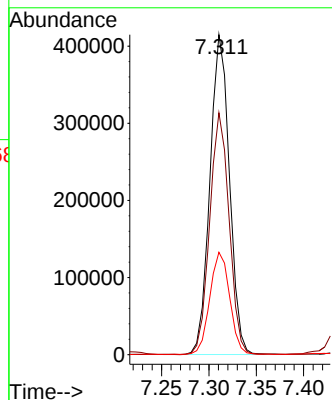
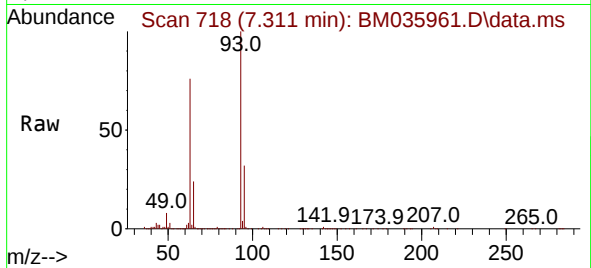


#10
 Bis(2-Chloroethyl)ether
 Concen: 29.836 ng/ul
 RT: 7.311 min Scan# 718
 Delta R.T. -0.011 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

Instrument :
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 ClientSampleId :

Tgt Ion: 93 Resp: 592677

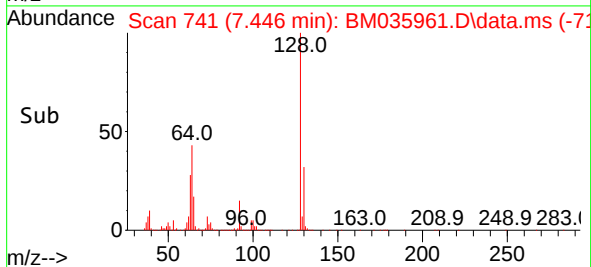
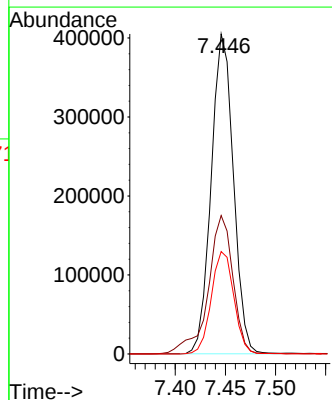
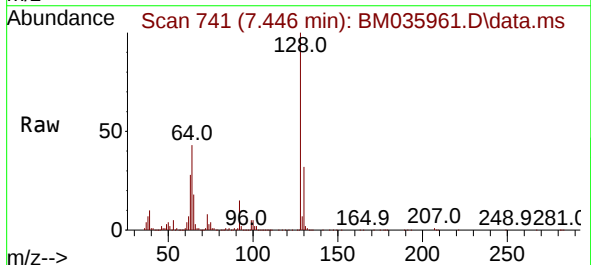
Ion	Ratio	Lower	Upper
93	100		
63	75.6	64.0	96.0
95	32.0	25.8	38.6

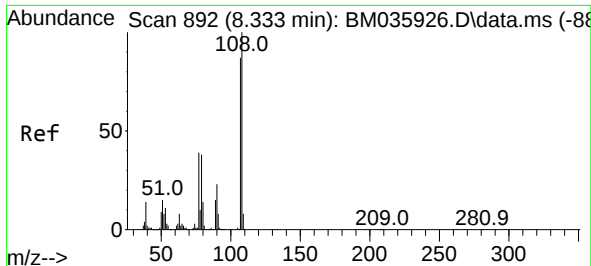


#12
 2-Chlorophenol
 Concen: 32.466 ng/ul
 RT: 7.446 min Scan# 741
 Delta R.T. -0.017 min
 Lab File: BM035961.D
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Tgt Ion:128 Resp: 624167

Ion	Ratio	Lower	Upper
128	100		
64	43.3	36.9	55.3
130	32.0	25.6	38.4

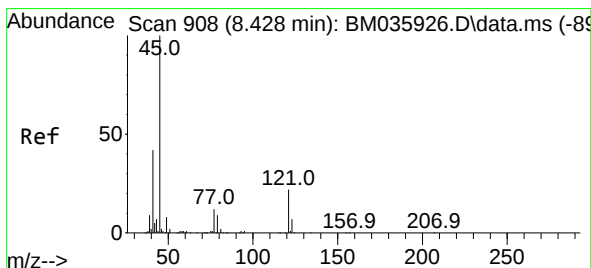
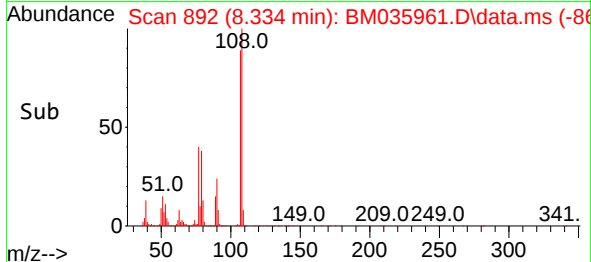
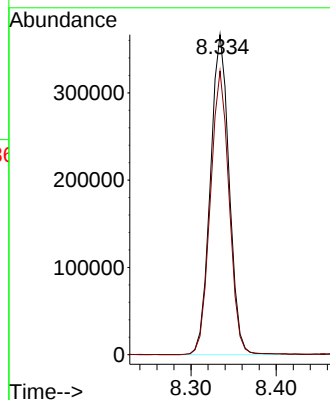
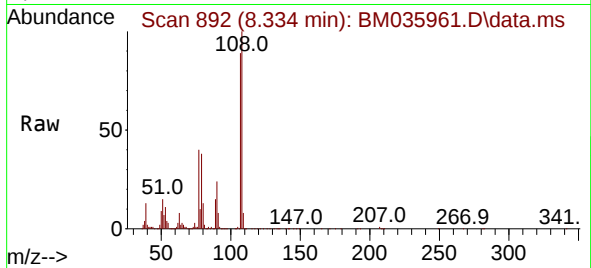




#13
2-Methylphenol
Concen: 30.432 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.017 min
Lab File: BM035961.D
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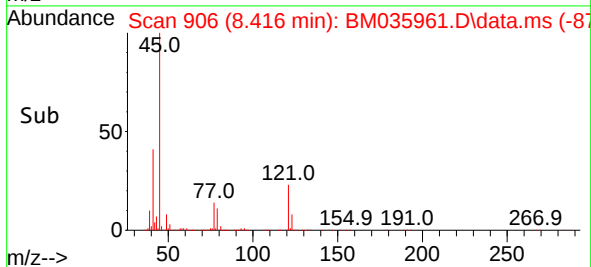
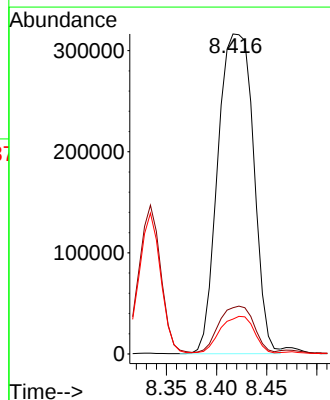
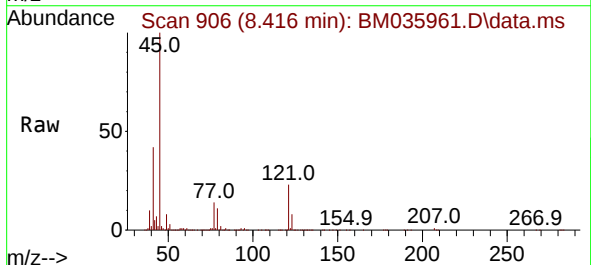
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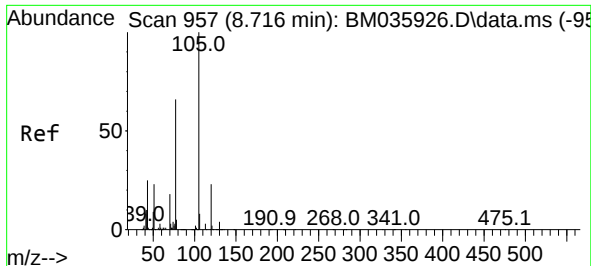
Tgt Ion:108 Resp: 561736
Ion Ratio Lower Upper
108 100
107 88.7 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.748 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion: 45 Resp: 780002
Ion Ratio Lower Upper
45 100
77 14.5 10.6 15.8
79 10.9 8.3 12.5

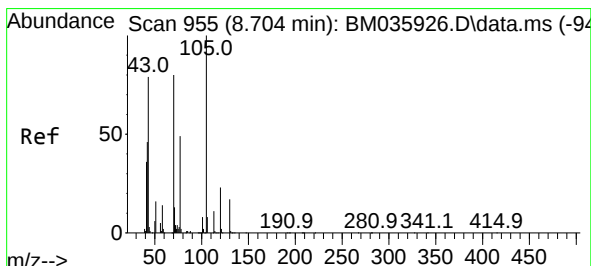
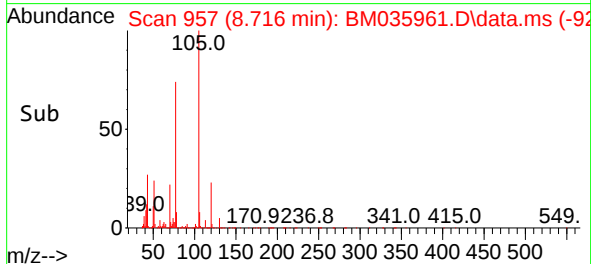
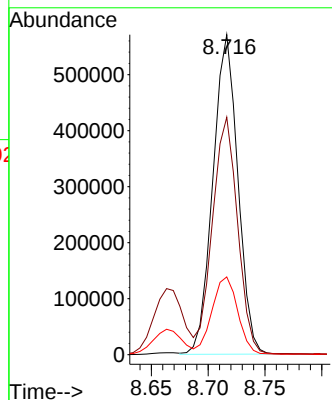
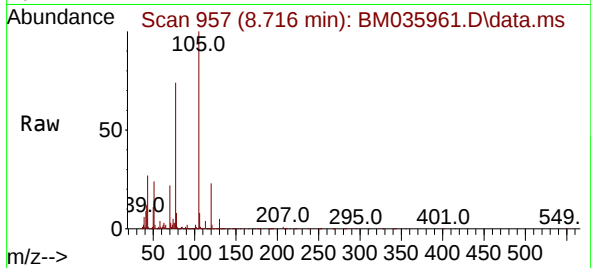




#16
Acetophenone
Concen: 29.666 ng/ul
RT: 8.716 min Scan# 911
Delta R.T. -0.011 min
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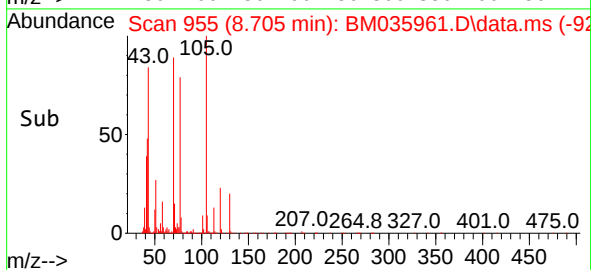
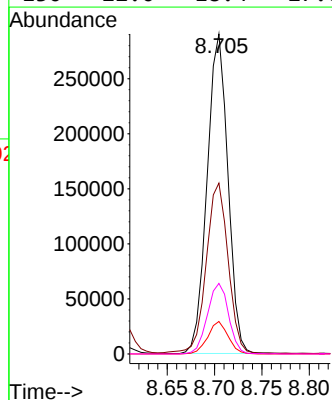
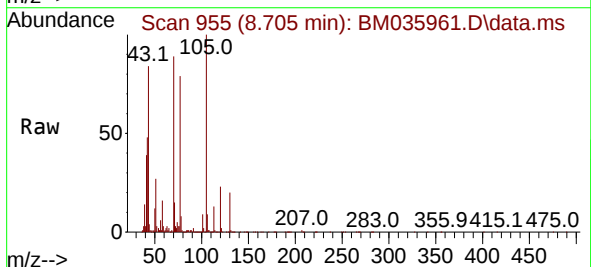
Instrument :
BNA_M
ClientSampleId :

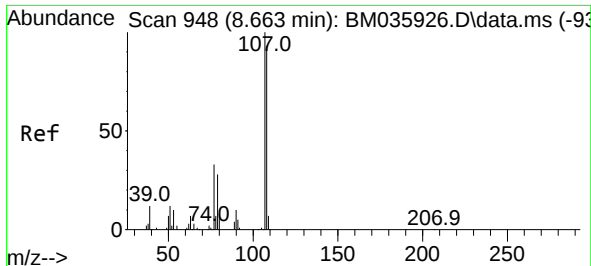
Tgt Ion:105 Resp: 871226
Ion Ratio Lower Upper
105 100
77 74.2 59.8 89.6
51 24.3 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 30.192 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion: 70 Resp: 442158
Ion Ratio Lower Upper
70 100
42 53.4 49.6 74.4
101 10.1 8.1 12.1
130 22.0 18.4 27.6

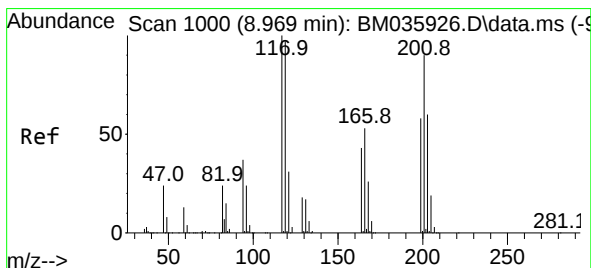
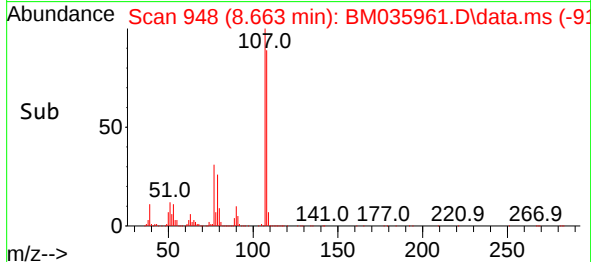
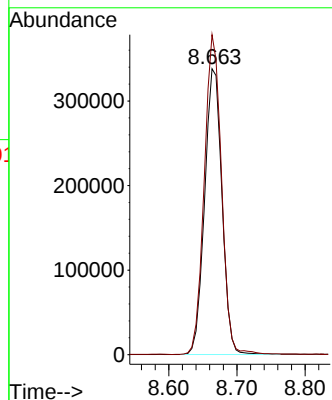
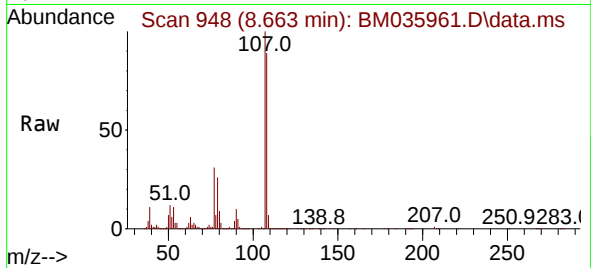




#18
4-Methylphenol
Concen: 30.235 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.023 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

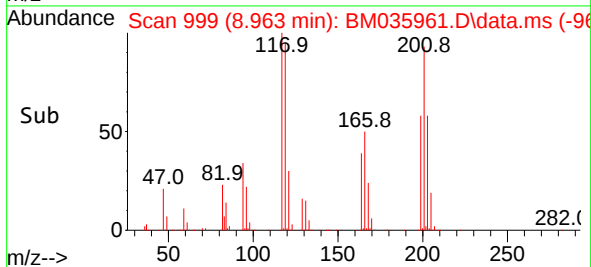
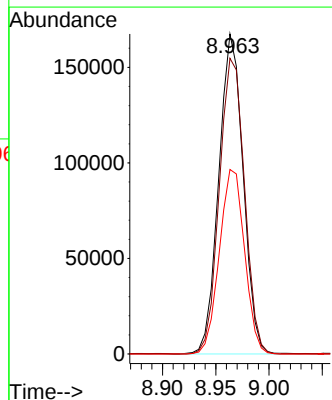
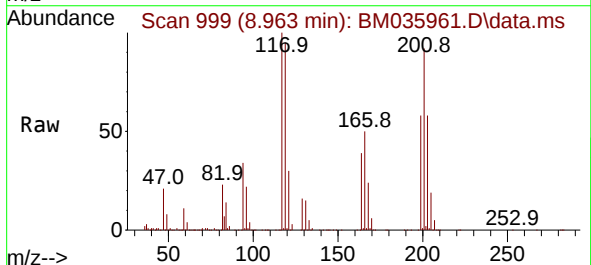
Instrument :
BNA_M
ClientSampleId :

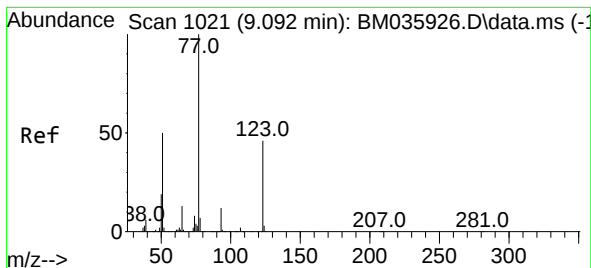
Tgt Ion:108 Resp: 598719
Ion Ratio Lower Upper
108 100
107 111.9 90.3 135.5



#19
Hexachloroethane
Concen: 33.521 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:117 Resp: 265901
Ion Ratio Lower Upper
117 100
201 92.4 81.8 122.6
199 57.7 51.6 77.4





#22

Nitrobenzene

Concen: 31.972 ng/ul

RT: 9.099 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

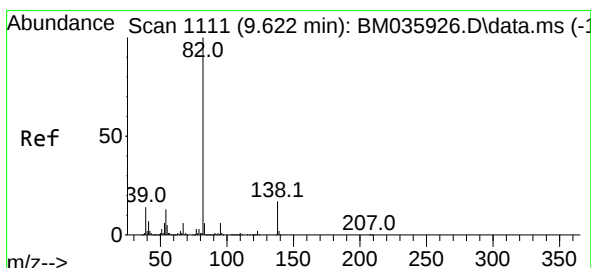
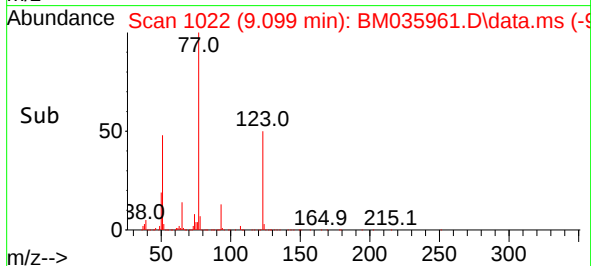
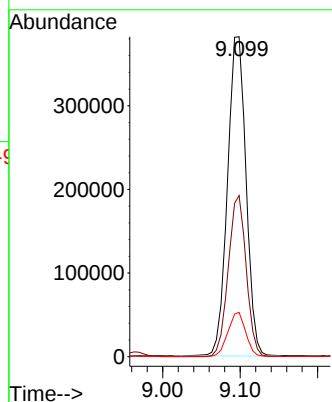
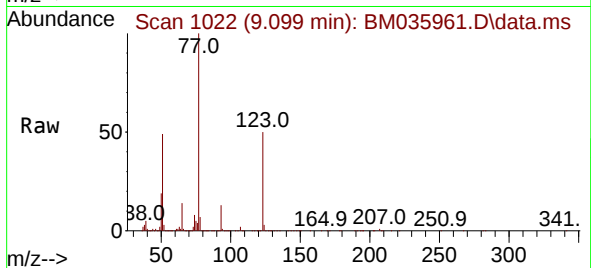
Tgt Ion: 77 Resp: 637886

Ion Ratio Lower Upper

77 100

123 50.4 37.4 56.0

65 13.8 10.8 16.2



#23

Isophorone

Concen: 32.018 ng/ul

RT: 9.622 min Scan# 1111

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

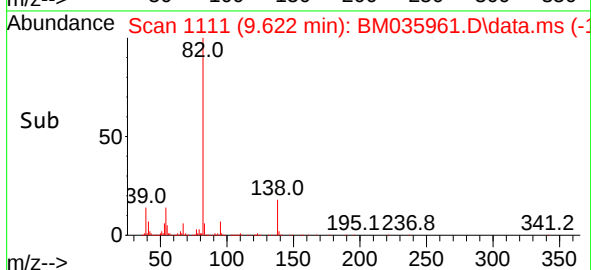
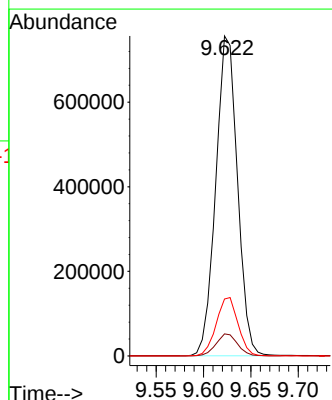
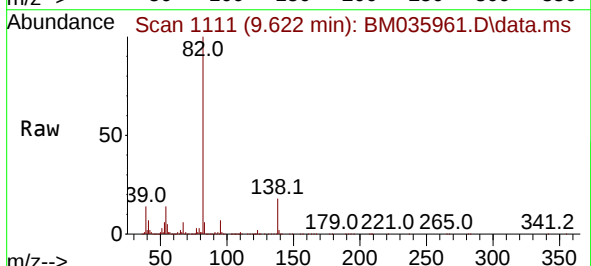
Tgt Ion: 82 Resp: 1205845

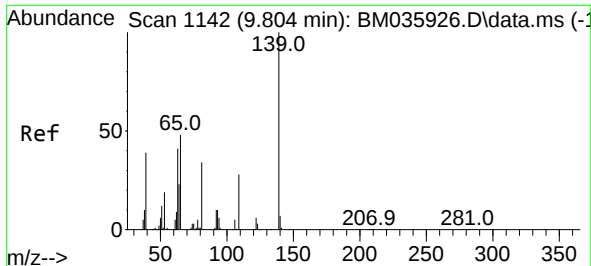
Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.8 15.3 22.9

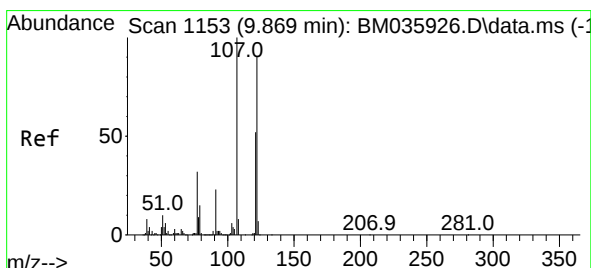
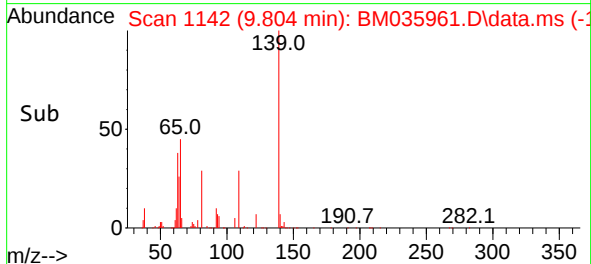
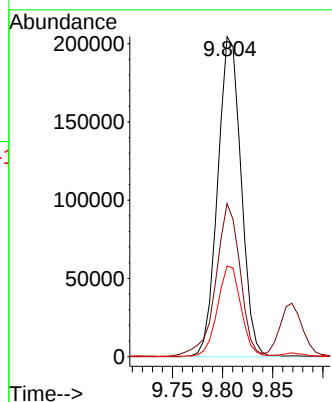
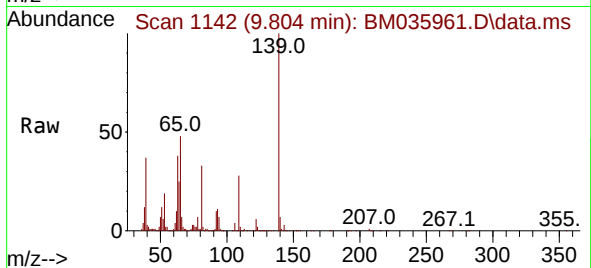




#25
2-Nitrophenol
Concen: 35.233 ng/ul
RT: 9.804 min Scan# 1142
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

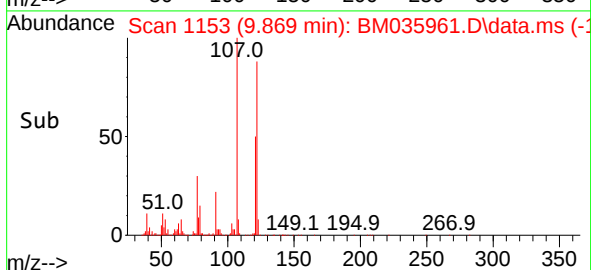
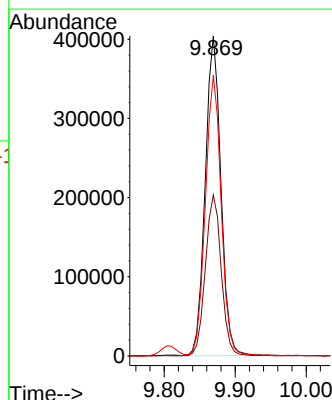
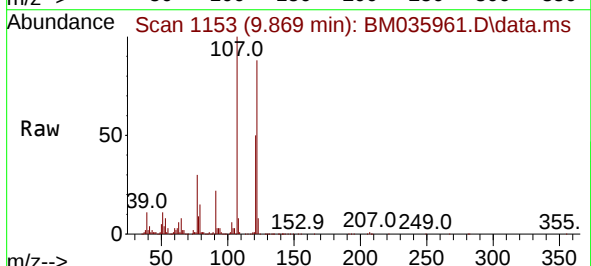
Instrument :
BNA_M
ClientSampleId :

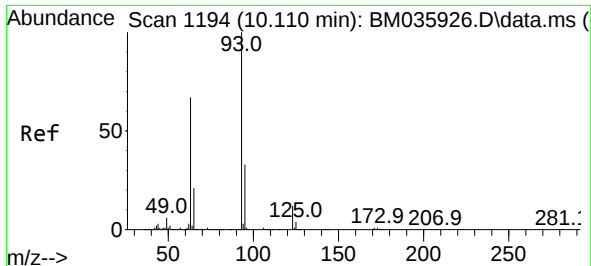
Tgt Ion:139 Resp: 332023
Ion Ratio Lower Upper
139 100
65 47.8 39.8 59.6
109 28.4 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 32.237 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:107 Resp: 620753
Ion Ratio Lower Upper
107 100
121 50.3 42.7 64.1
122 87.7 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 31.597 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.011 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

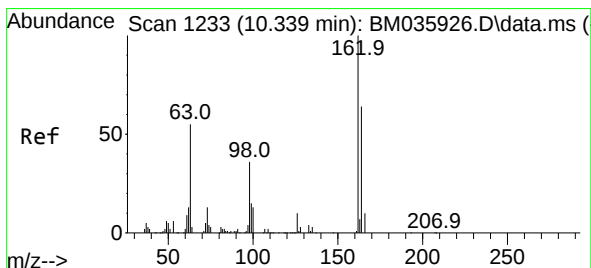
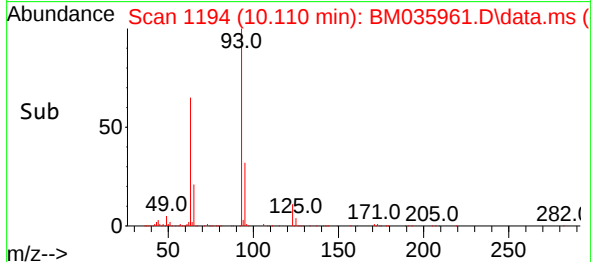
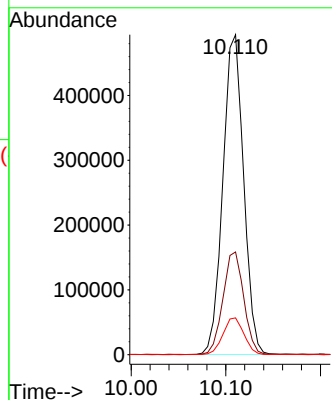
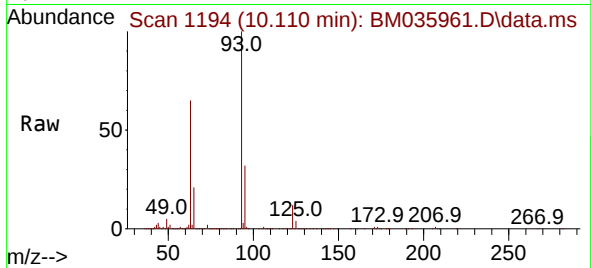
Tgt Ion: 93 Resp: 750507

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.5 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 33.812 ng/ul

RT: 10.340 min Scan# 1233

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

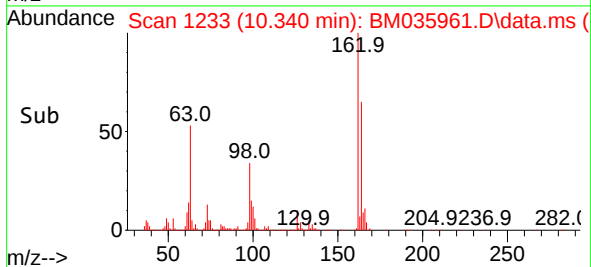
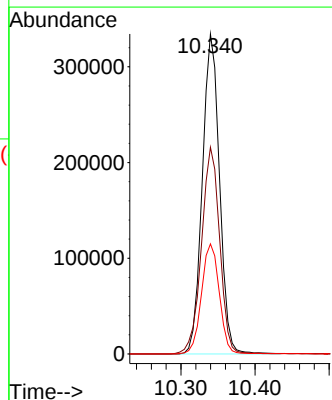
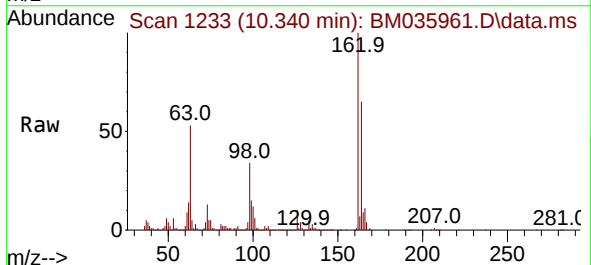
Tgt Ion:162 Resp: 539149

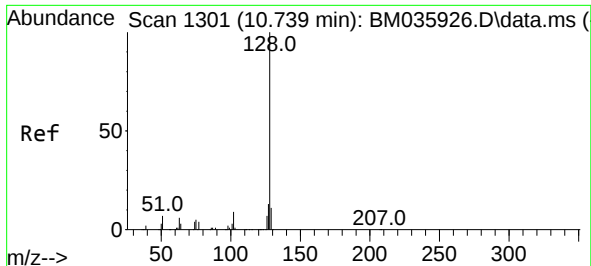
Ion Ratio Lower Upper

162 100

164 64.6 51.8 77.6

98 34.4 29.5 44.3

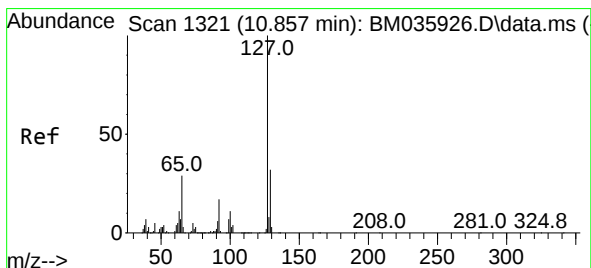
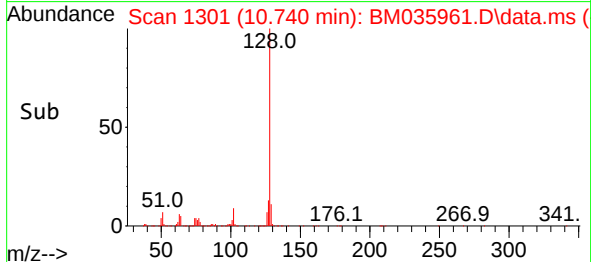
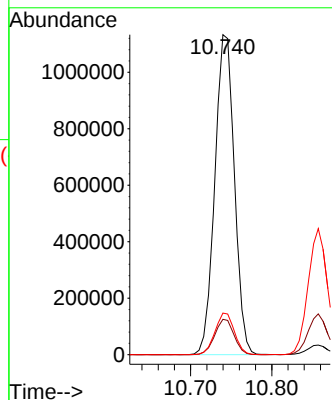
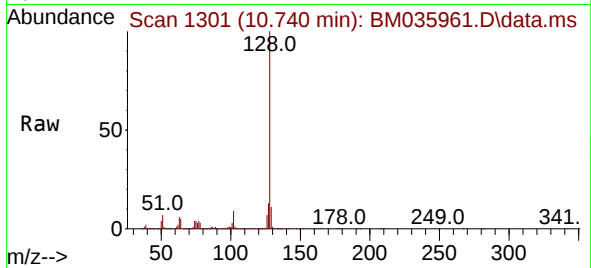




#30
Naphthalene
Concen: 32.680 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

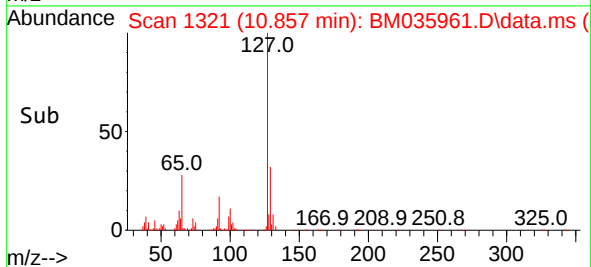
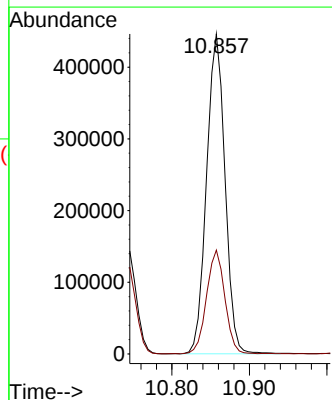
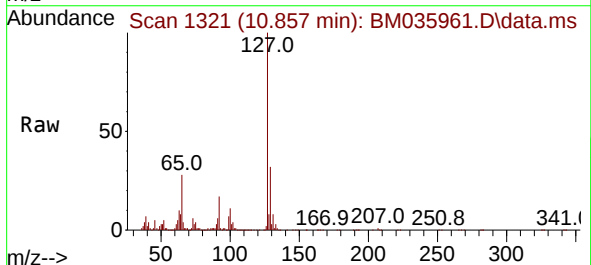
Instrument :
BNA_M
ClientSampleId :

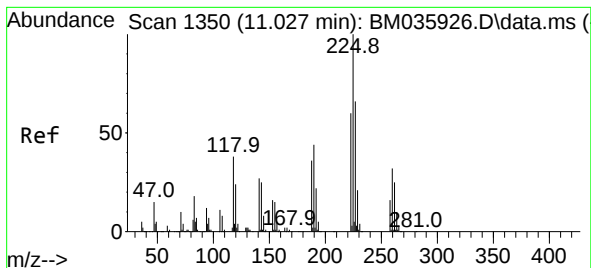
Tgt Ion:128 Resp: 1897871
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.6 16.0



#32
4-Chloroaniline
Concen: 28.464 ng/ul
RT: 10.857 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:127 Resp: 735380
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9





#33

Hexachlorobutadiene

Concen: 35.222 ng/ul

RT: 11.022 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

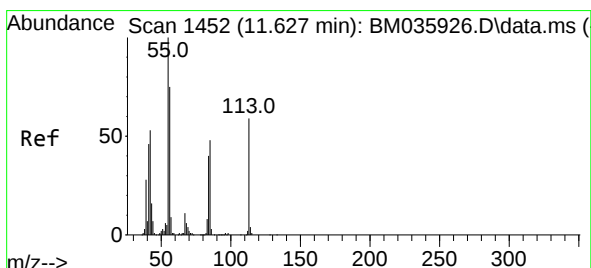
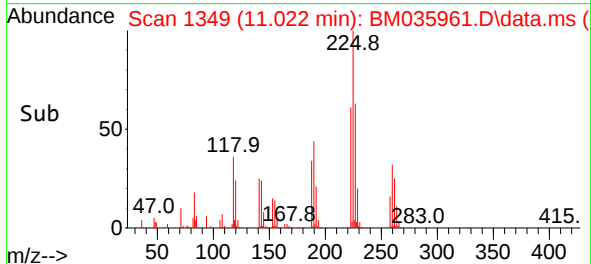
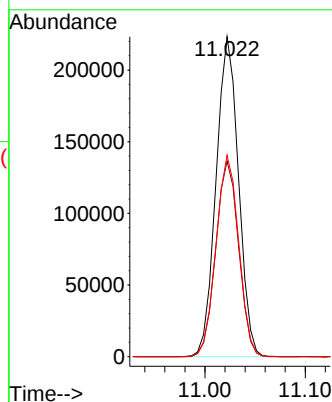
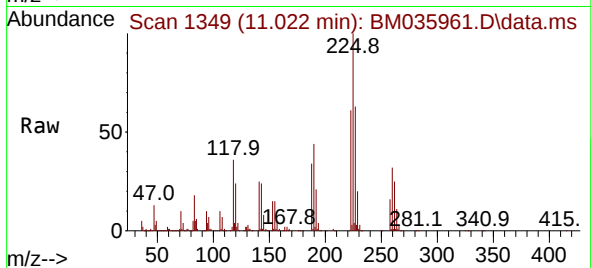
Tgt Ion:225 Resp: 346720

Ion Ratio Lower Upper

225 100

223 61.1 50.0 75.0

227 62.9 49.9 74.9



#34

Caprolactam

Concen: 33.956 ng/ul

RT: 11.640 min Scan# 1454

Delta R.T. -0.029 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

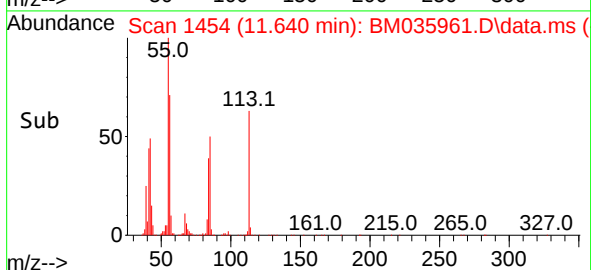
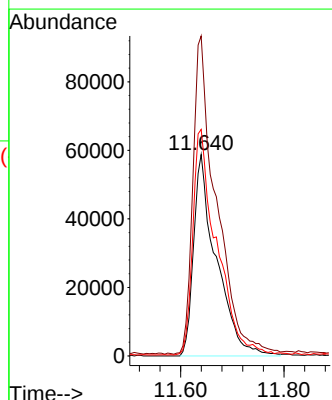
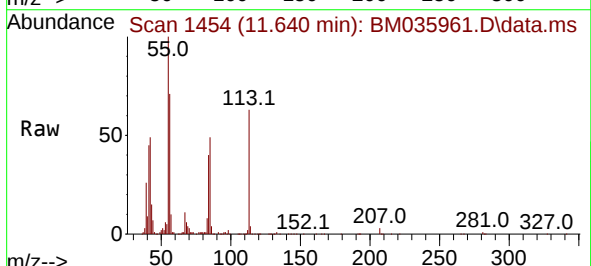
Tgt Ion:113 Resp: 178945

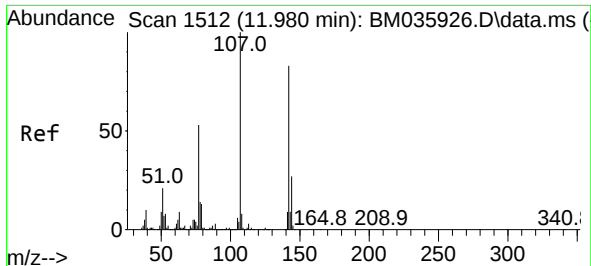
Ion Ratio Lower Upper

113 100

55 158.9 150.2 225.4

56 112.5 102.1 153.1

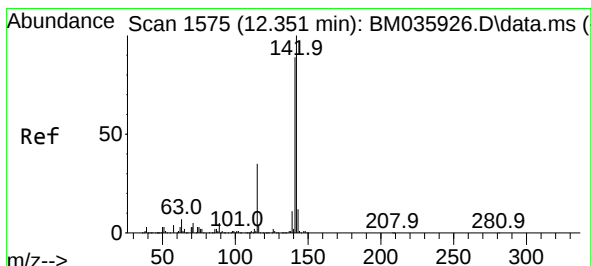
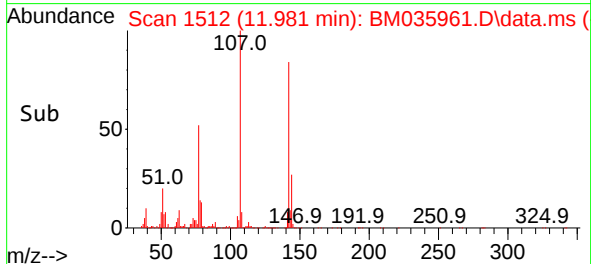
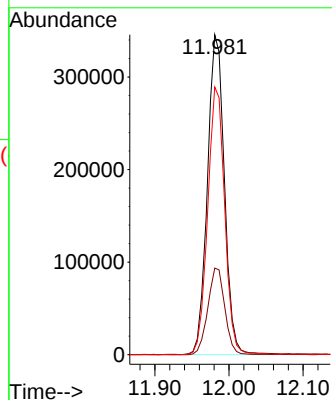
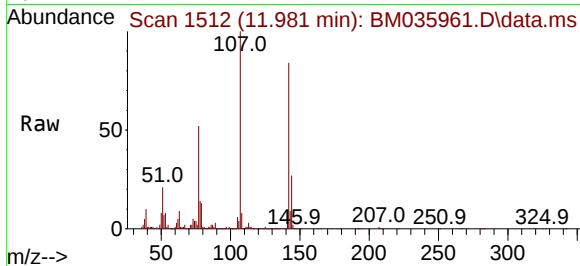




#35
4-Chloro-3-methylphenol
Concen: 33.235 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.023 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

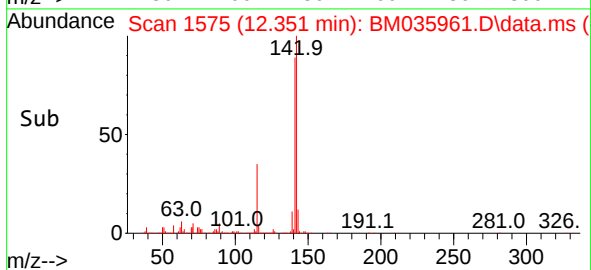
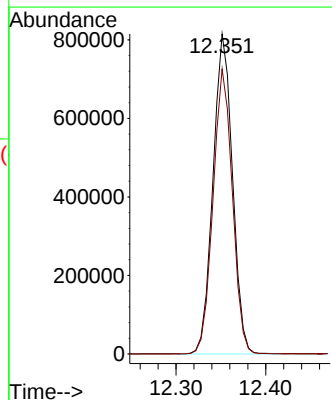
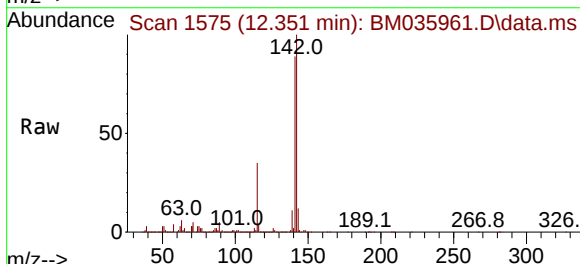
Instrument :
BNA_M
ClientSampleId :

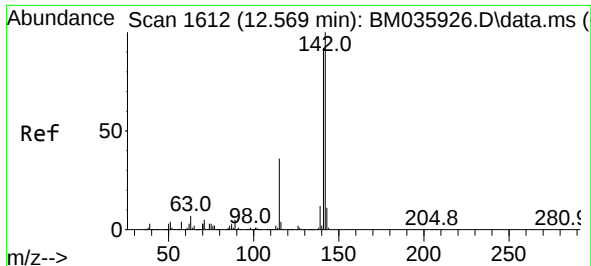
Tgt Ion:107 Resp: 551045
Ion Ratio Lower Upper
107 100
144 27.1 20.3 30.5
142 83.6 64.4 96.6



#36
2-Methylnaphthalene
Concen: 32.326 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:142 Resp: 1228246
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 32.056 ng/ul

RT: 12.569 min Scan# 1612

Delta R.T. -0.017 min

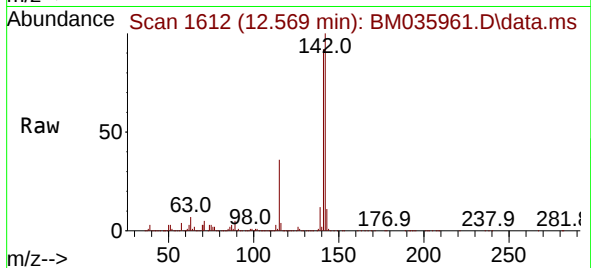
Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :



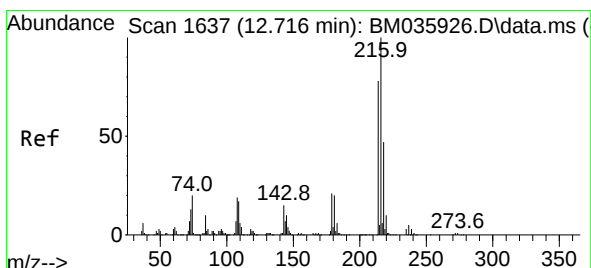
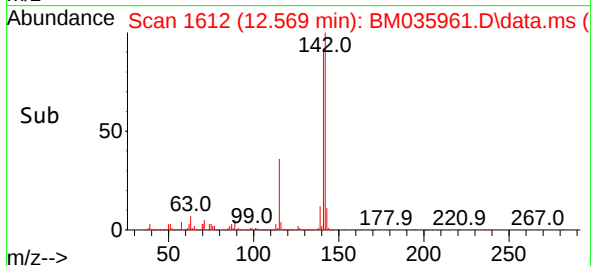
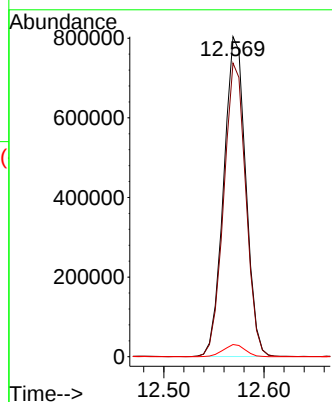
Tgt Ion:142 Resp: 1227672

Ion Ratio Lower Upper

142 100

141 91.7 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.195 ng/ul

RT: 12.716 min Scan# 1637

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Tgt Ion:216 Resp: 606049

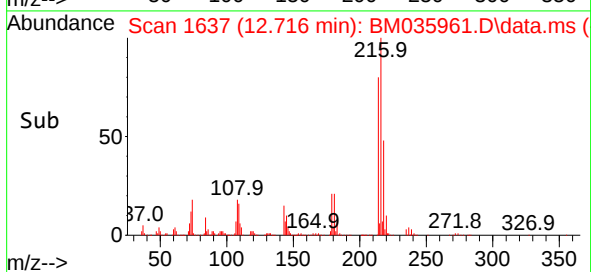
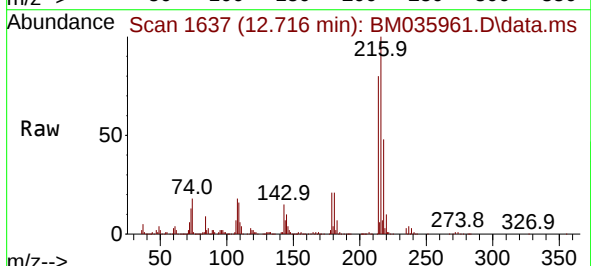
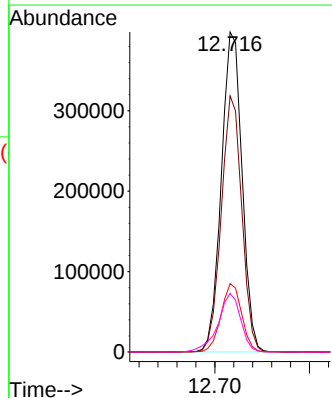
Ion Ratio Lower Upper

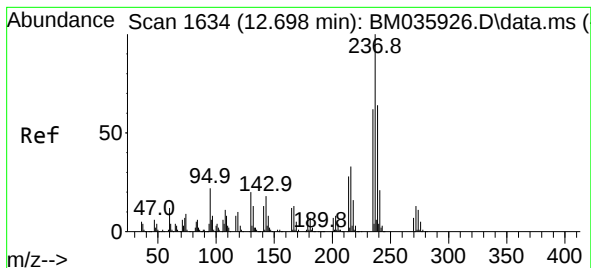
216 100

214 80.1 62.4 93.6

179 21.4 17.3 25.9

108 18.3 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 31.587 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

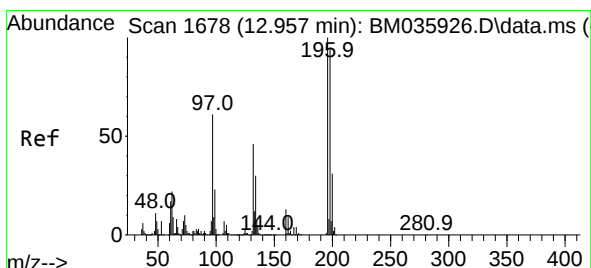
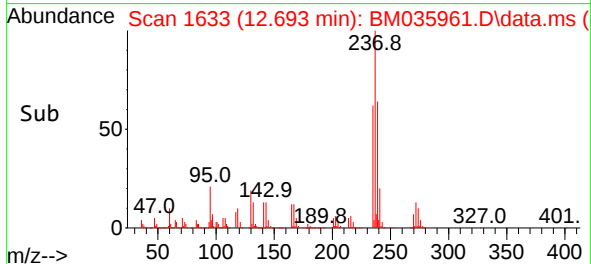
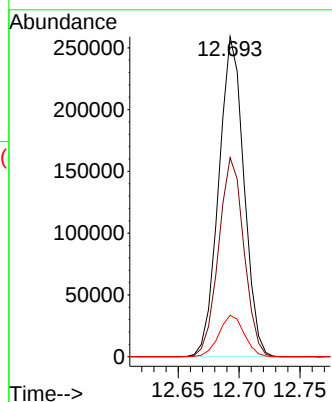
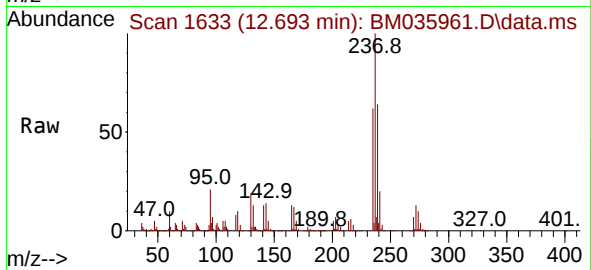
Tgt Ion:237 Resp: 372846

Ion Ratio Lower Upper

237 100

235 62.2 48.4 72.6

272 12.9 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 35.399 ng/ul

RT: 12.963 min Scan# 1679

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

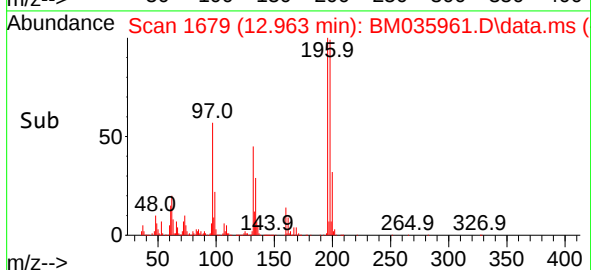
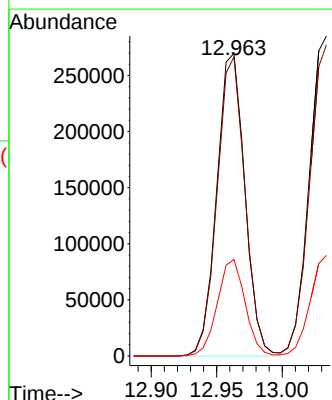
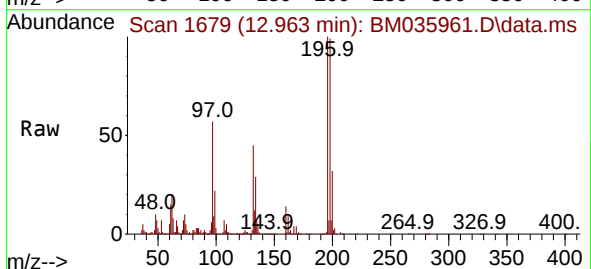
Tgt Ion:196 Resp: 401486

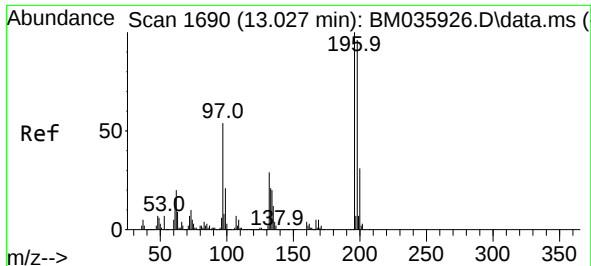
Ion Ratio Lower Upper

196 100

198 98.8 77.8 116.6

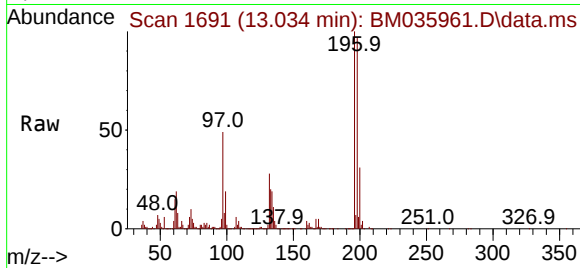
200 31.9 25.0 37.6



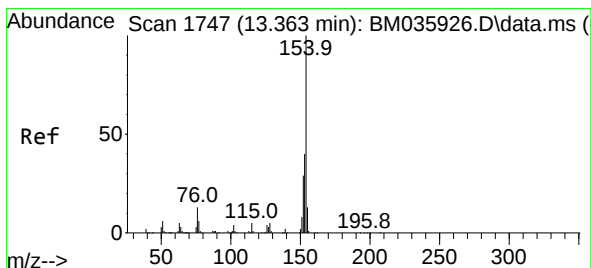
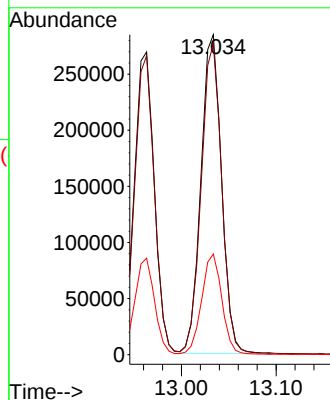
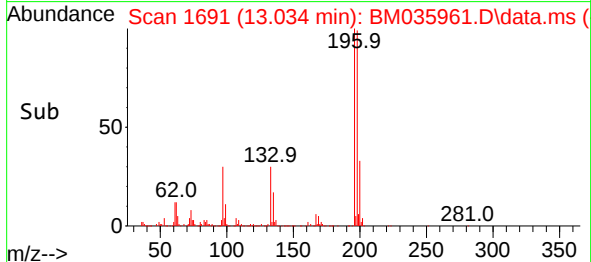


#42
2,4,5-Trichlorophenol
Concen: 35.505 ng/ul
RT: 13.034 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

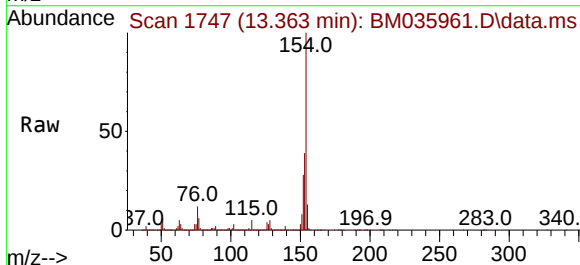
Instrument :
BNA_M
ClientSampleId :



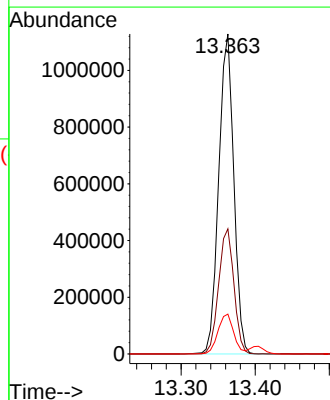
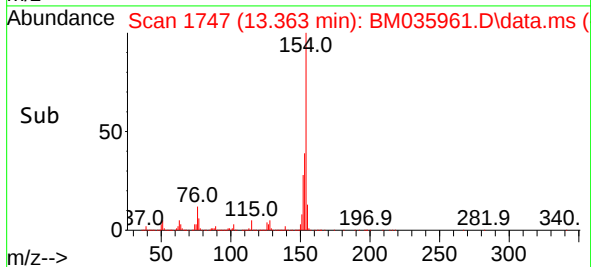
Tgt Ion:196 Resp: 429684
Ion Ratio Lower Upper
196 100
198 97.2 76.8 115.2
200 31.4 24.9 37.3

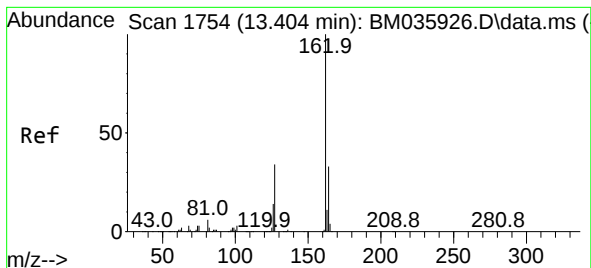


#43
1,1'-Biphenyl
Concen: 33.221 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29



Tgt Ion:154 Resp: 1592030
Ion Ratio Lower Upper
154 100
153 39.1 32.4 48.6
76 12.5 10.1 15.1





#44

2-Chloronaphthalene

Concen: 33.352 ng/ul

RT: 13.404 min Scan# 1

Delta R.T. -0.017 min

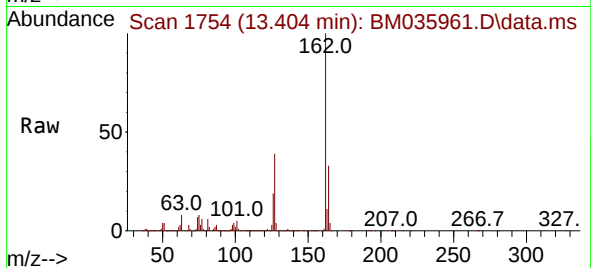
Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :



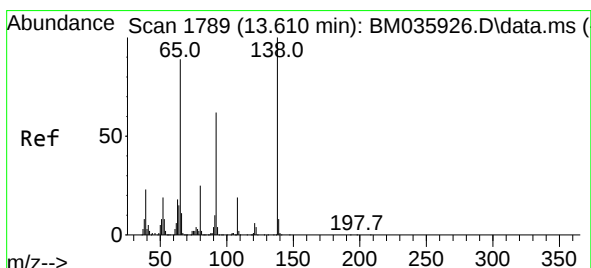
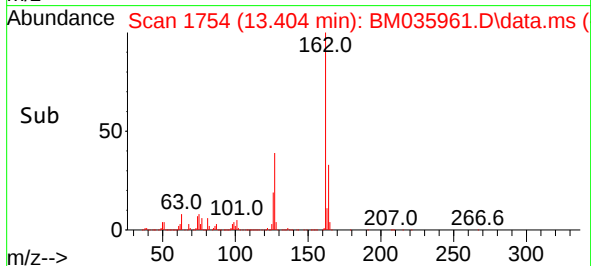
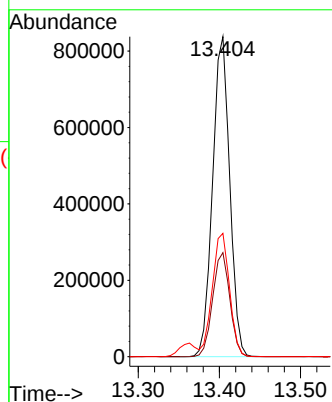
Tgt Ion:162 Resp: 1226636

Ion Ratio Lower Upper

162 100

164 32.5 25.4 38.0

127 38.5 31.6 47.4



#45

2-Nitroaniline

Concen: 34.606 ng/ul

RT: 13.610 min Scan# 1789

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

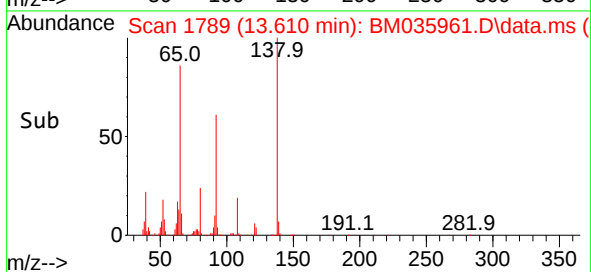
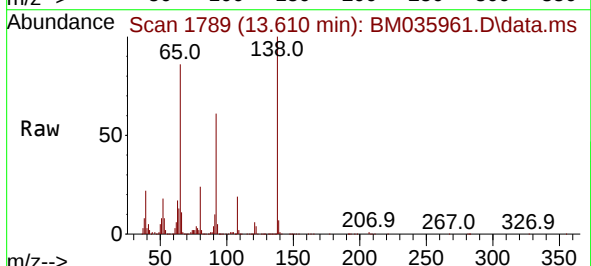
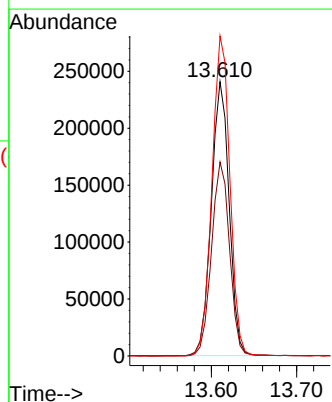
Tgt Ion: 65 Resp: 350883

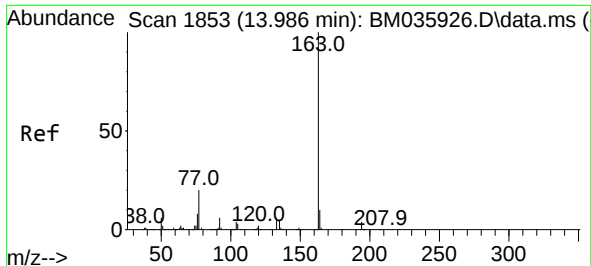
Ion Ratio Lower Upper

65 100

92 70.7 54.5 81.7

138 116.7 91.2 136.8

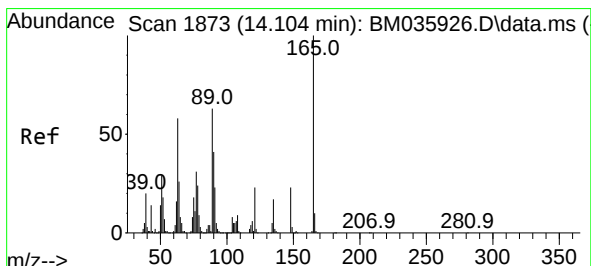
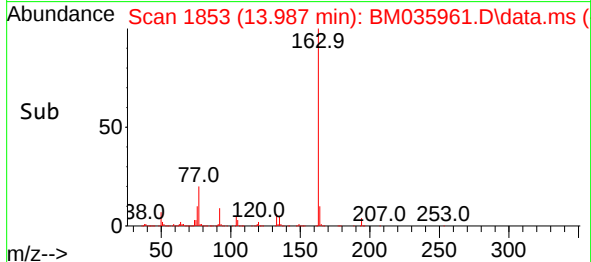
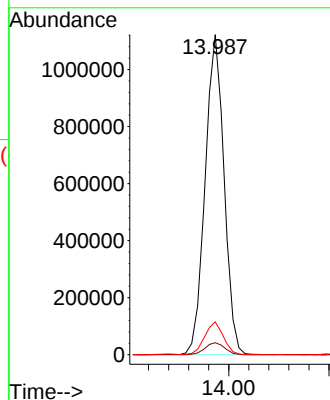
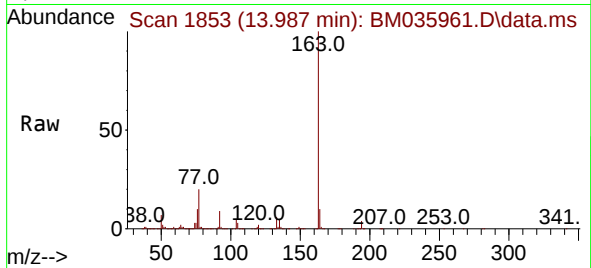




#47
Dimethylphthalate
Concen: 34.528 ng/ul
RT: 13.987 min Scan# 1853
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

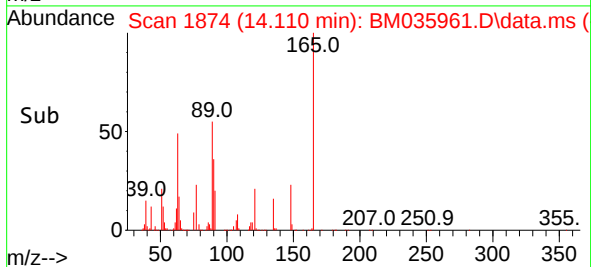
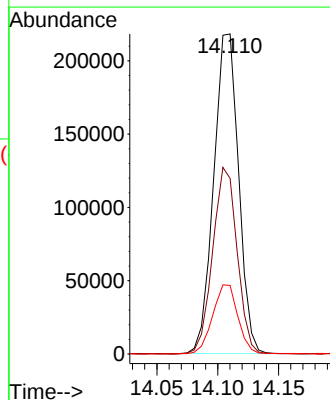
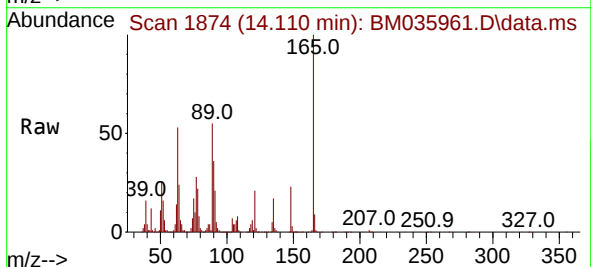
Instrument :
BNA_M
ClientSampleId :

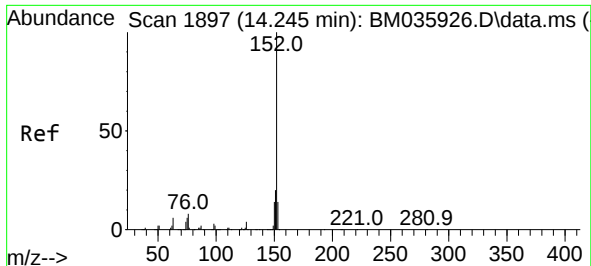
Tgt Ion:163 Resp: 1472948
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 36.591 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:165 Resp: 309913
Ion Ratio Lower Upper
165 100
89 54.9 42.5 63.7
121 21.4 17.2 25.8

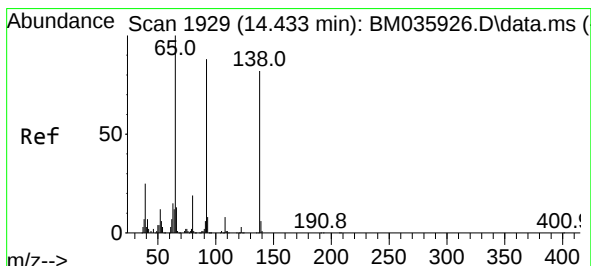
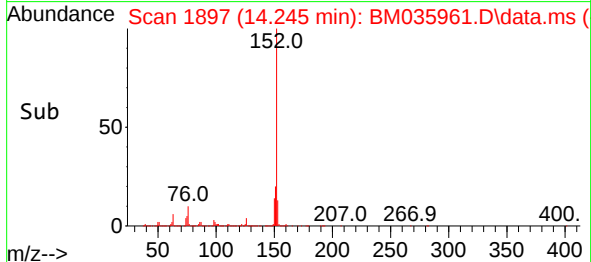
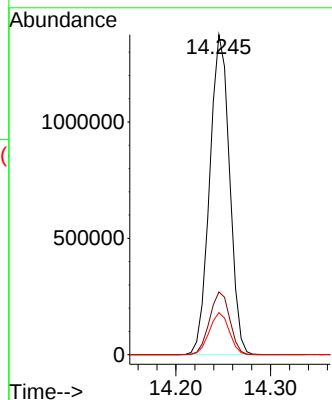
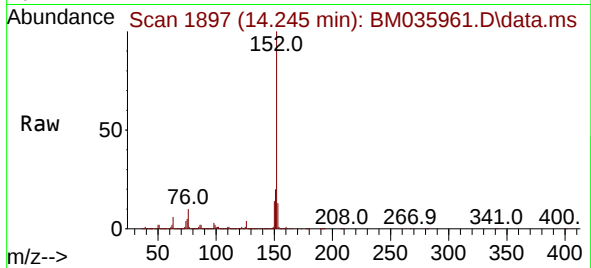




#50
Acenaphthylene
Concen: 33.454 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

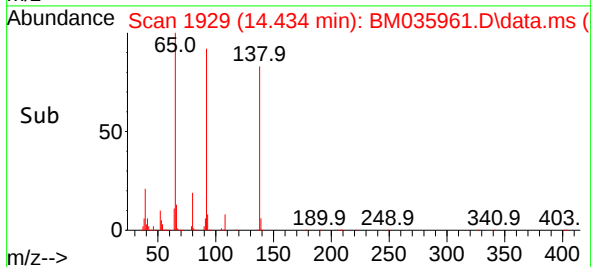
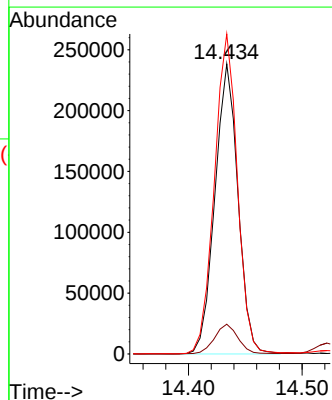
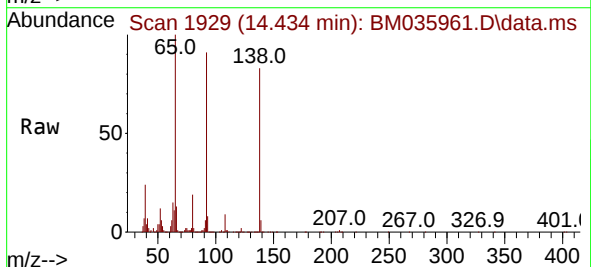
Instrument :
BNA_M
ClientSampleId :

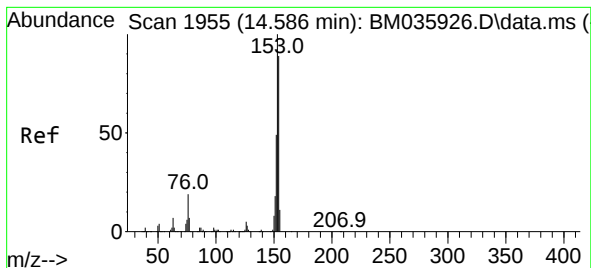
Tgt Ion:152 Resp: 2002545
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 35.999 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:138 Resp: 336962
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 110.3 90.4 135.6





#52

Acenaphthene

Concen: 32.864 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

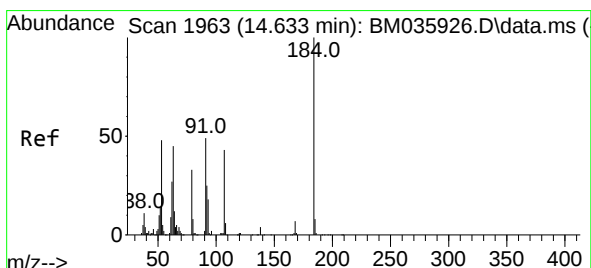
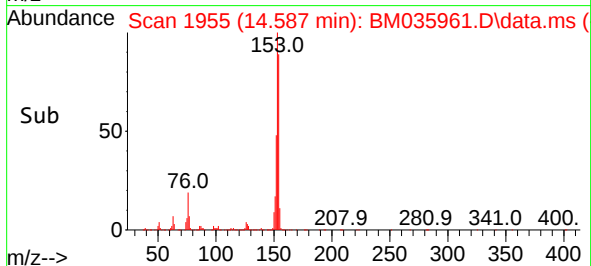
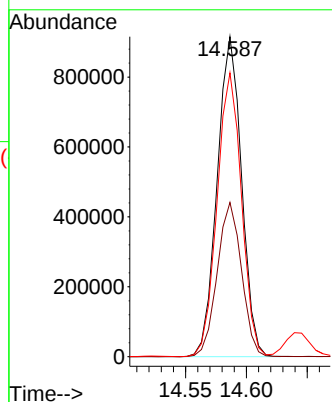
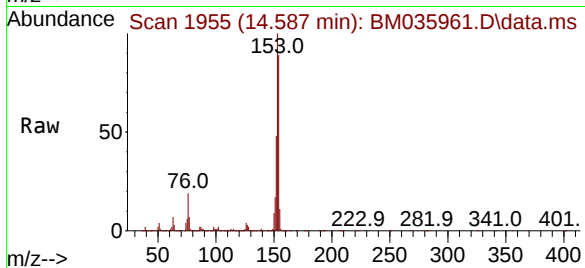
Tgt Ion:153 Resp: 1276236

Ion Ratio Lower Upper

153 100

152 48.2 37.1 55.7

154 88.7 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 33.321 ng/ul

RT: 14.639 min Scan# 1964

Delta R.T. -0.035 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

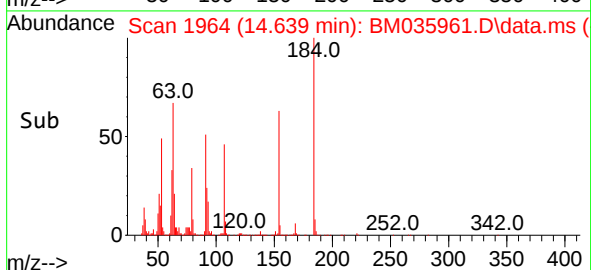
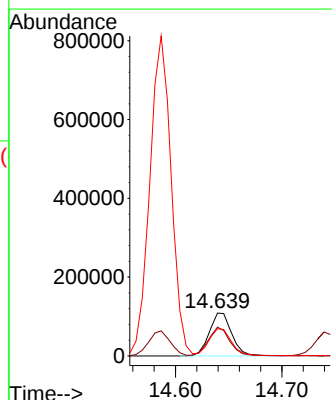
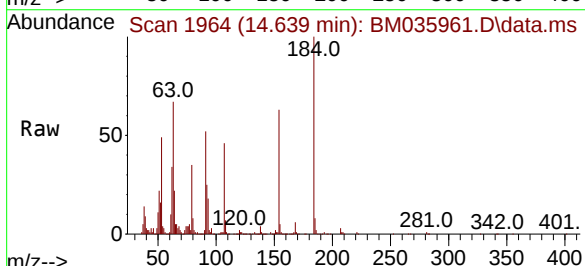
Tgt Ion:184 Resp: 160236

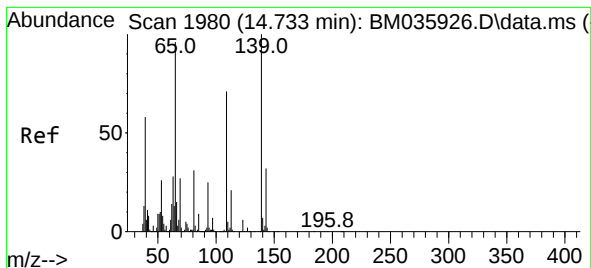
Ion Ratio Lower Upper

184 100

63 67.1 54.2 81.4

154 63.3 49.3 73.9

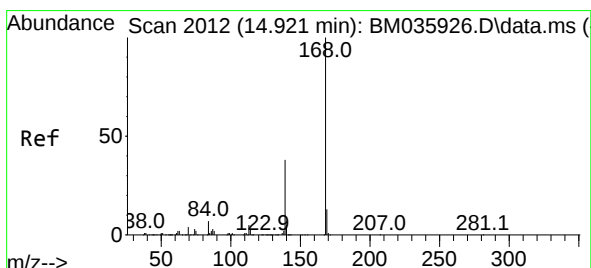
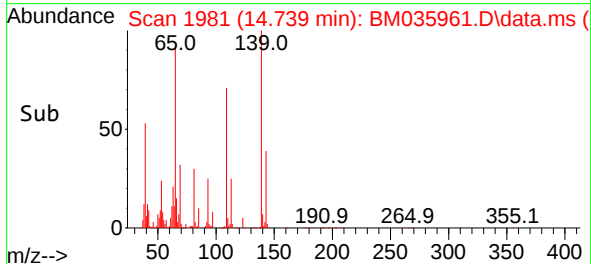
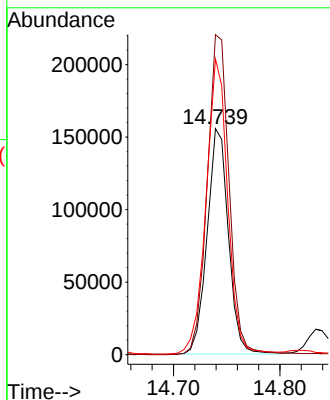
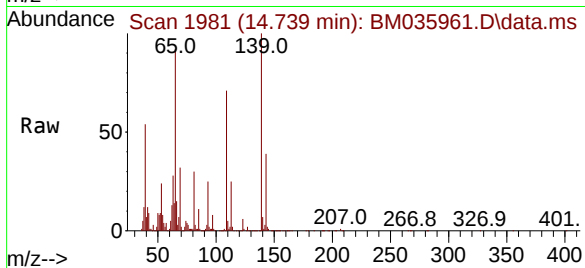




#55
4-Nitrophenol
Concen: 32.356 ng/ul
RT: 14.739 min Scan# 1980
Delta R.T. -0.029 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

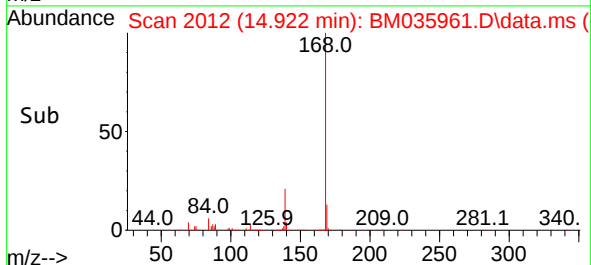
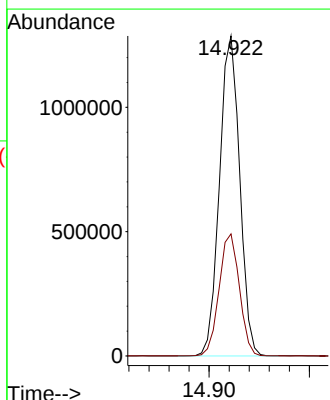
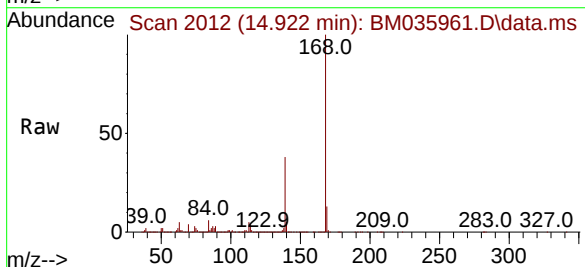
Instrument :
BNA_M
ClientSampleId :

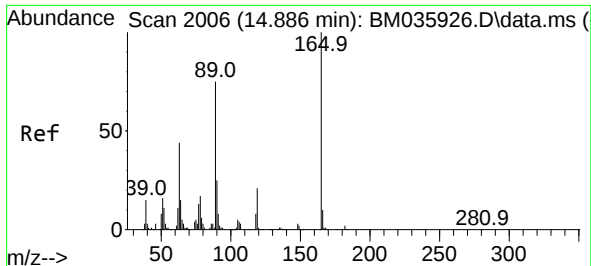
Tgt Ion:109 Resp: 215523
Ion Ratio Lower Upper
109 100
139 141.5 124.9 187.3
65 130.7 122.2 183.4



#56
Dibenzofuran
Concen: 33.499 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:168 Resp: 1799990
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 36.796 ng/ul

RT: 14.892 min Scan# 20

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

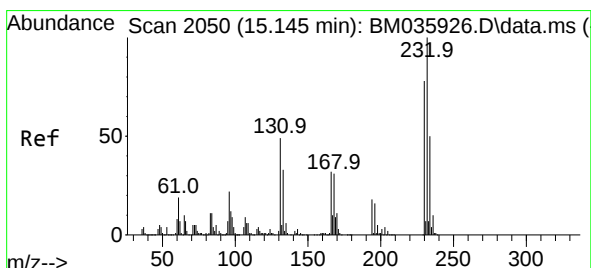
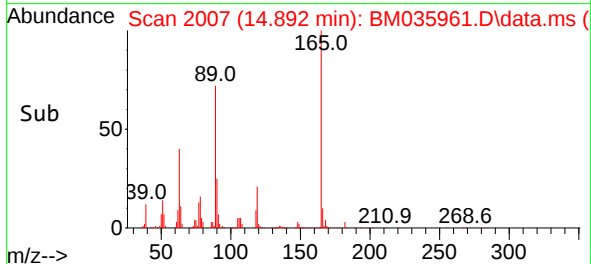
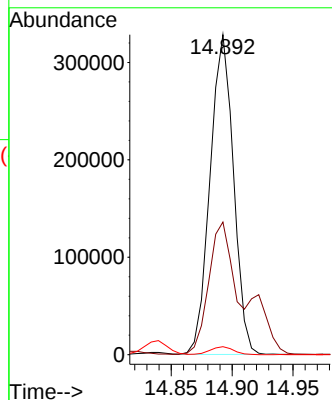
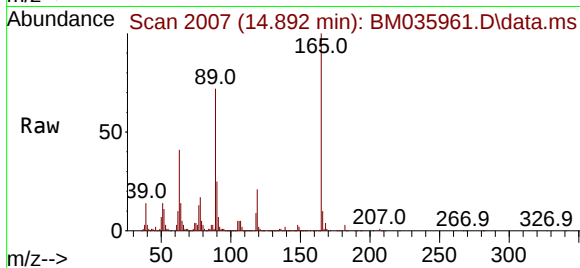
Tgt Ion:165 Resp: 439303

Ion Ratio Lower Upper

165 100

63 41.5 35.9 53.9

182 2.5 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.461 ng/ul

RT: 15.145 min Scan# 2050

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Tgt Ion:232 Resp: 346691

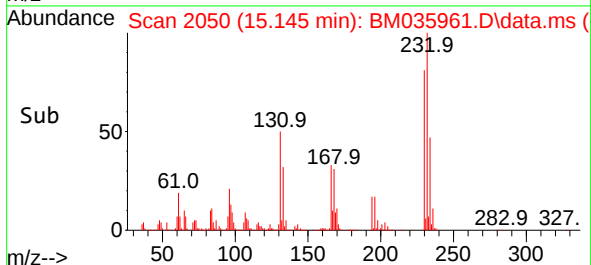
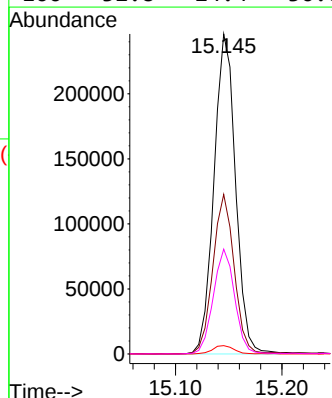
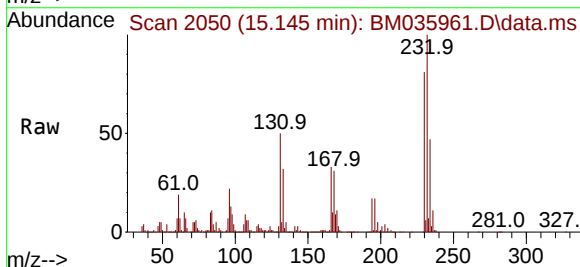
Ion Ratio Lower Upper

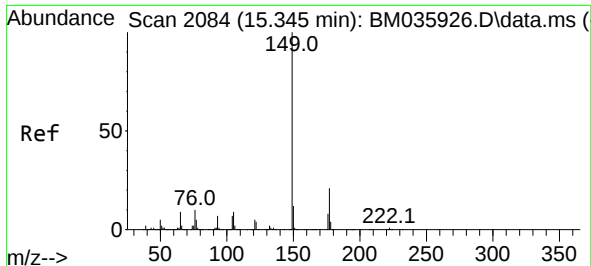
232 100

131 49.9 36.7 55.1

130 2.6 1.7 2.5#

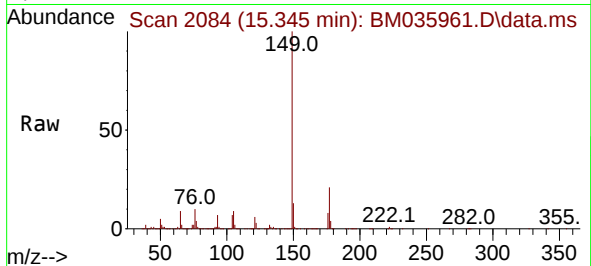
166 32.8 24.4 36.6



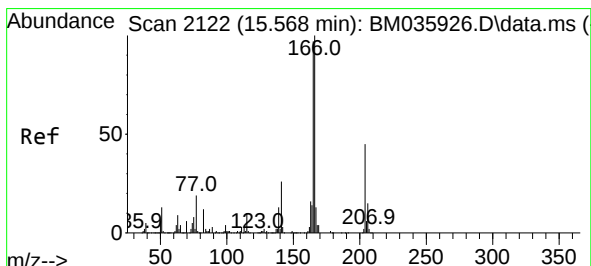
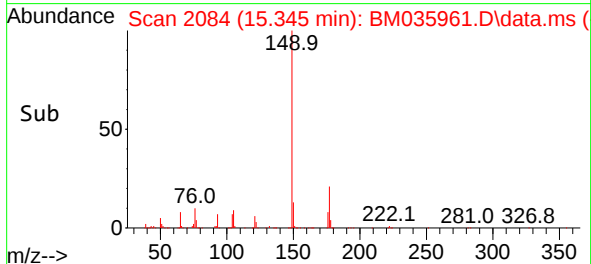
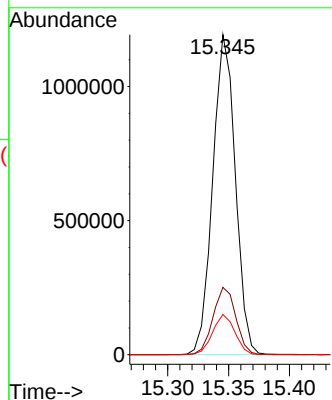


#59
Diethylphthalate
Concen: 35.620 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Instrument :
BNA_M
ClientSampleId :

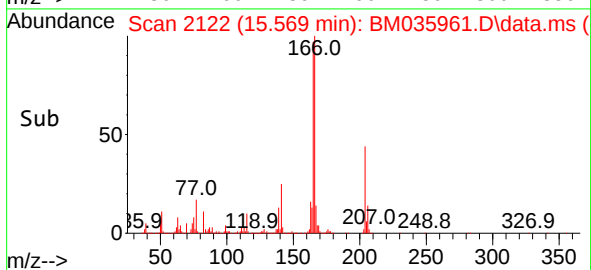
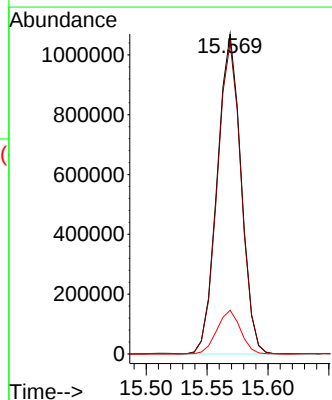
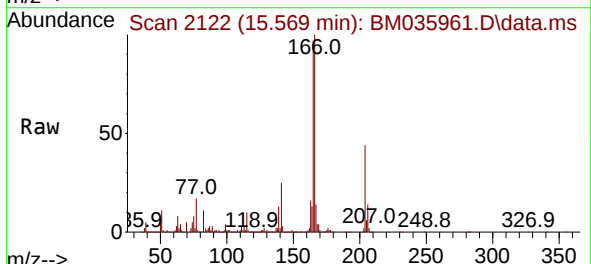


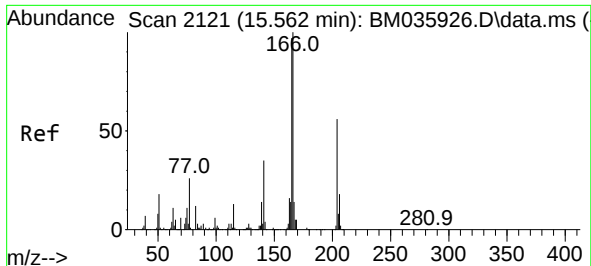
Tgt Ion:149 Resp: 1537025
Ion Ratio Lower Upper
149 100
177 21.1 16.8 25.2
150 12.5 10.2 15.4



#61
Fluorene
Concen: 33.140 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:166 Resp: 1454631
Ion Ratio Lower Upper
166 100
165 97.3 77.2 115.8
167 13.7 11.0 16.4

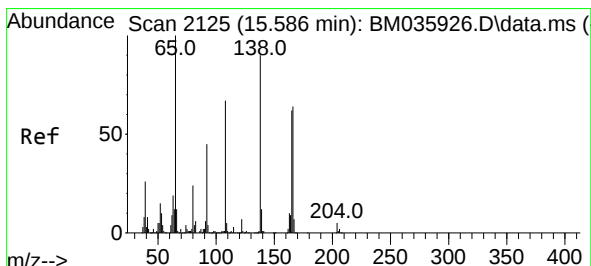
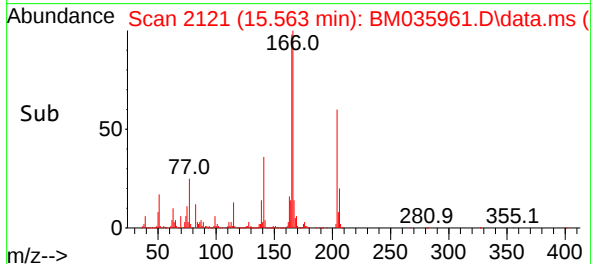
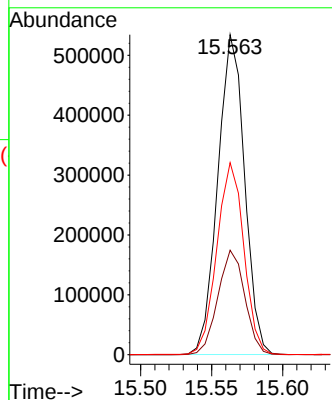
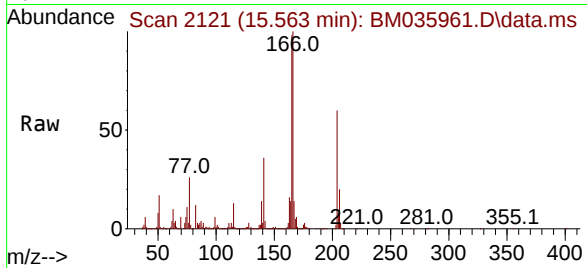




#62
4-Chlorophenyl-phenylether
Concen: 33.313 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

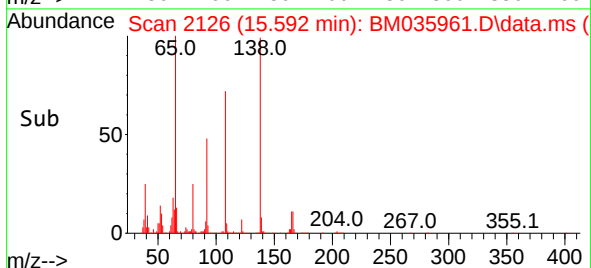
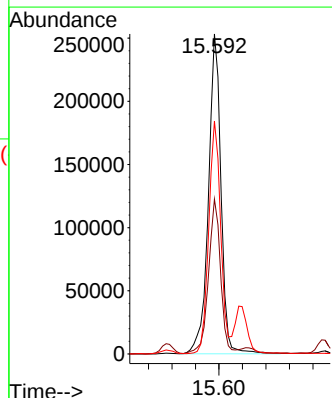
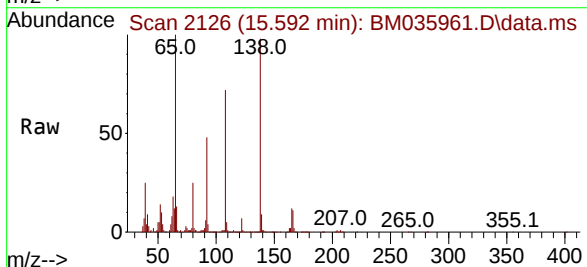
Instrument :
BNA_M
ClientSampleId :

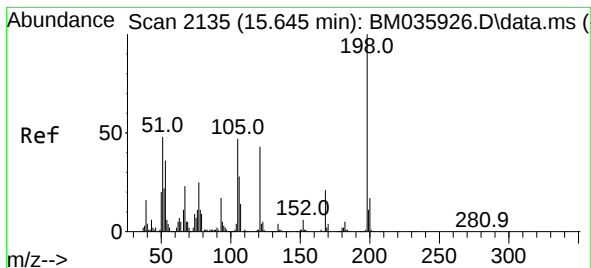
Tgt Ion:204 Resp: 700589
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.0 50.6 75.8



#63
4-Nitroaniline
Concen: 43.757 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:138 Resp: 377065
Ion Ratio Lower Upper
138 100
92 48.4 39.2 58.8
108 72.8 51.6 77.4

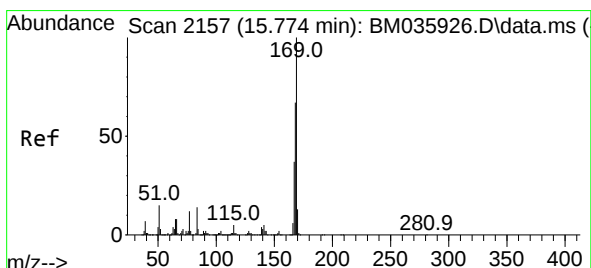
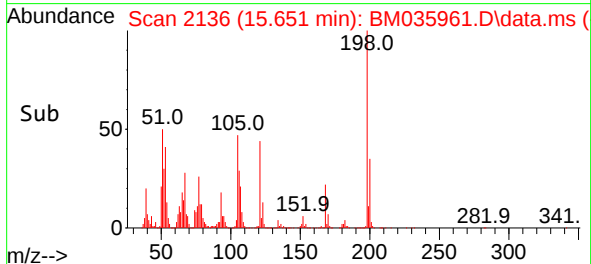
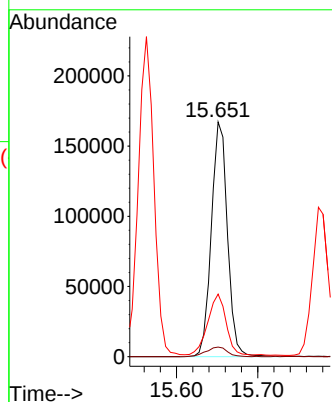
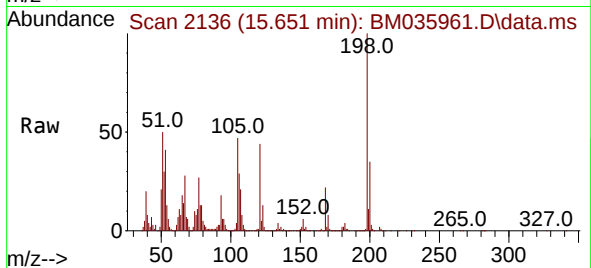




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.385 ng/ul
 RT: 15.651 min Scan# 2136
 Delta R.T. -0.029 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

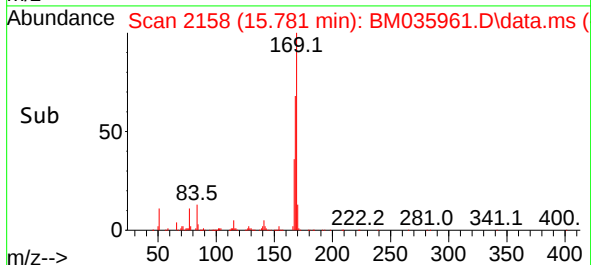
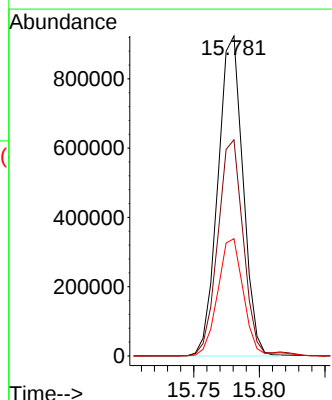
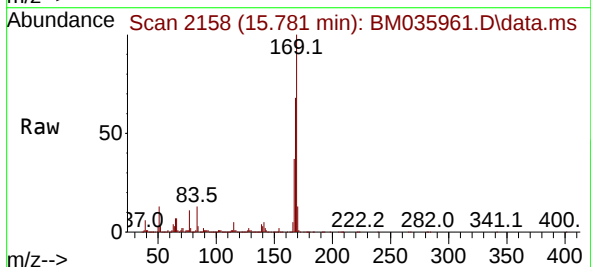
Instrument :
 BNA_M
 ClientSampleId :

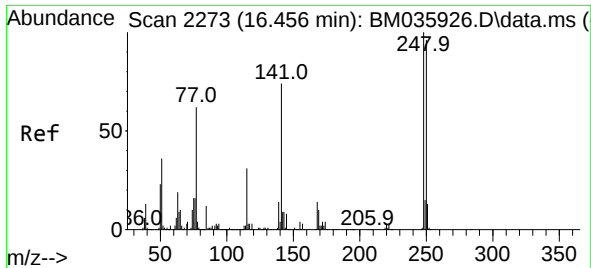
Tgt Ion:198 Resp: 230008
 Ion Ratio Lower Upper
 198 100
 182 4.1 4.2 6.4#
 77 26.6 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 33.644 ng/ul
 RT: 15.781 min Scan# 2158
 Delta R.T. -0.011 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

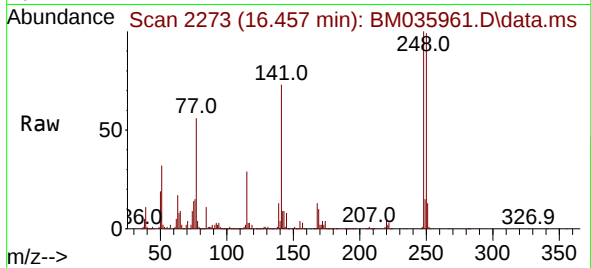
Tgt Ion:169 Resp: 1230066
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.8 80.6
 167 36.6 28.7 43.1



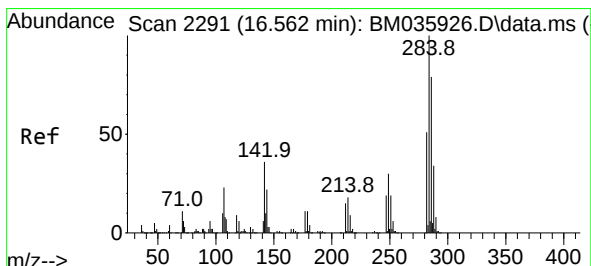
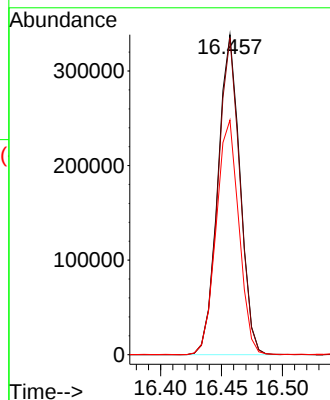
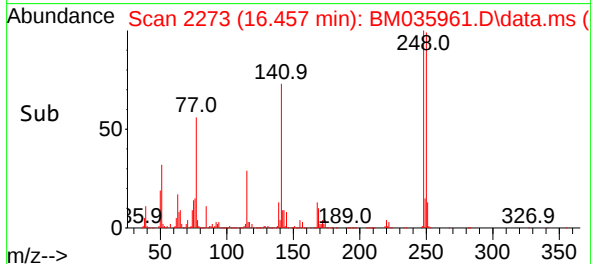


#68
4-Bromophenyl-phenylether
Concen: 35.149 ng/ul
RT: 16.457 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

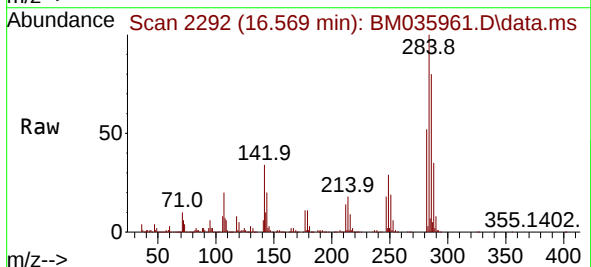
Instrument :
BNA_M
ClientSampleId :



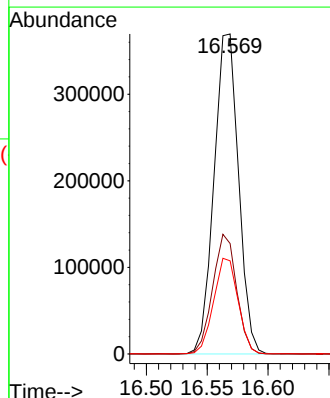
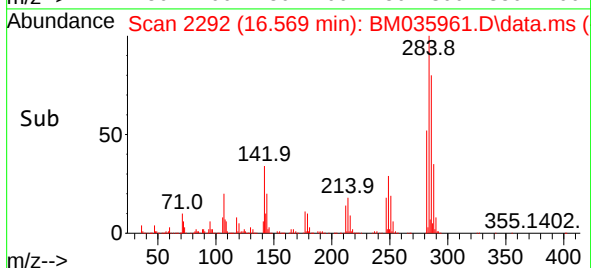
Tgt Ion:248 Resp: 428532
Ion Ratio Lower Upper
248 100
250 99.1 77.3 115.9
141 73.3 59.8 89.8

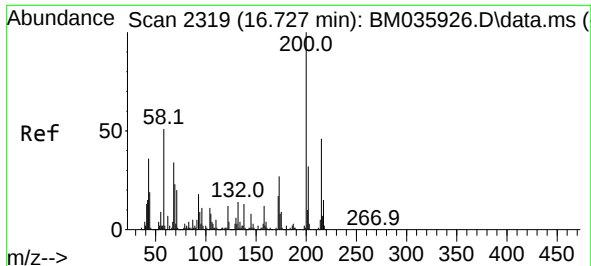


#69
Hexachlorobenzene
Concen: 34.899 ng/ul
RT: 16.569 min Scan# 2292
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29



Tgt Ion:284 Resp: 518423
Ion Ratio Lower Upper
284 100
142 34.5 28.6 42.8
249 29.1 24.6 37.0

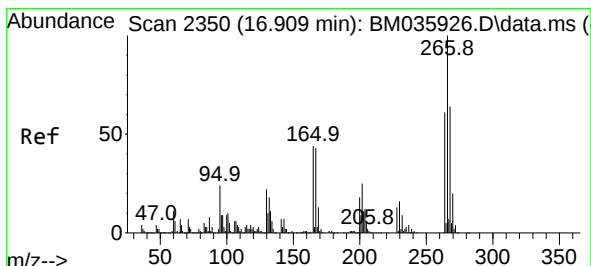
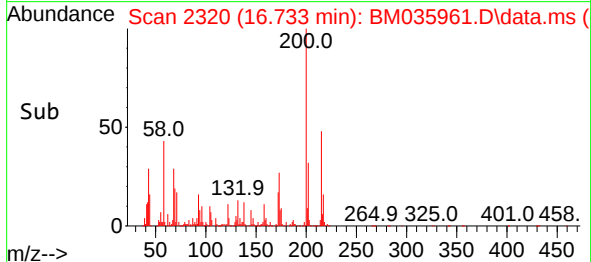
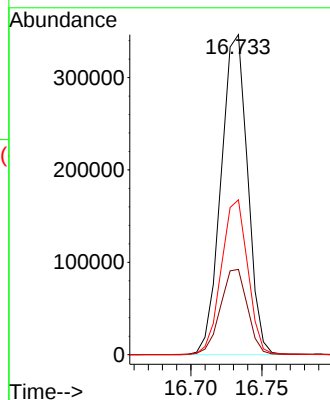
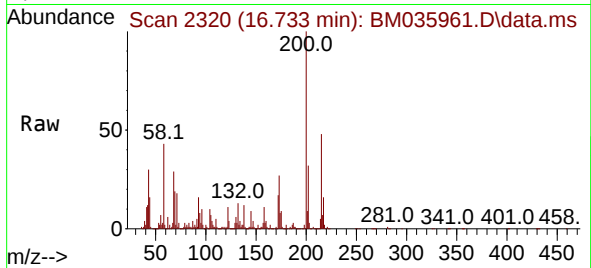




#70
Atrazine
Concen: 35.623 ng/ul
RT: 16.733 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

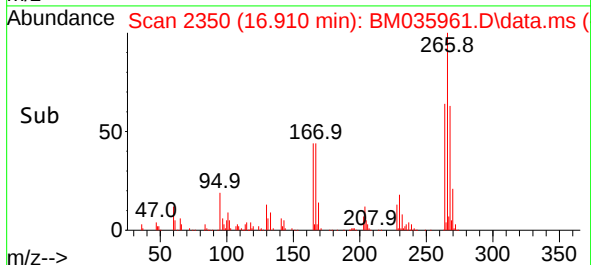
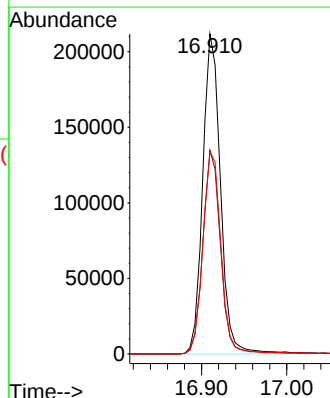
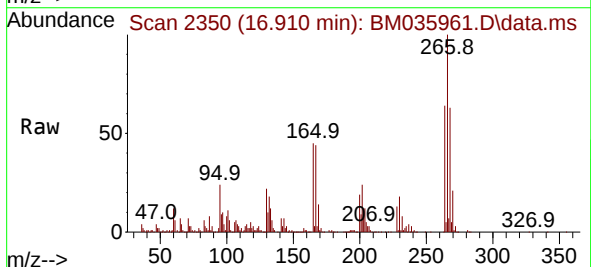
Instrument :
BNA_M
ClientSampleId :

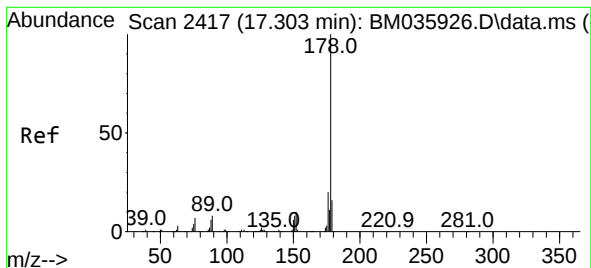
Tgt Ion:200 Resp: 451740
Ion Ratio Lower Upper
200 100
173 26.7 21.3 31.9
215 48.4 39.0 58.6



#71
Pentachlorophenol
Concen: 33.771 ng/ul
RT: 16.910 min Scan# 2350
Delta R.T. -0.023 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:266 Resp: 306474
Ion Ratio Lower Upper
266 100
264 63.6 49.5 74.3
268 63.2 51.0 76.4





#72

Phenanthrene

Concen: 33.659 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

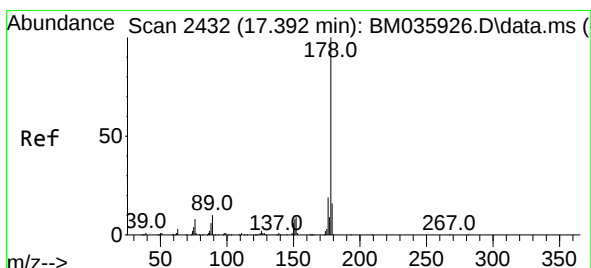
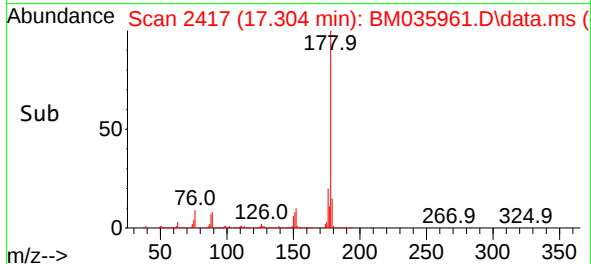
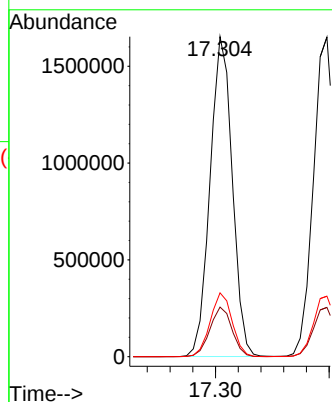
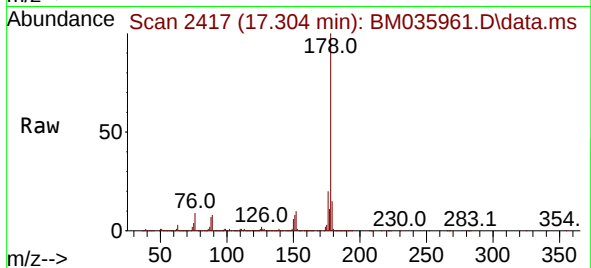
Tgt Ion:178 Resp: 2243542

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.9 14.9 22.3



#74

Anthracene

Concen: 34.107 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

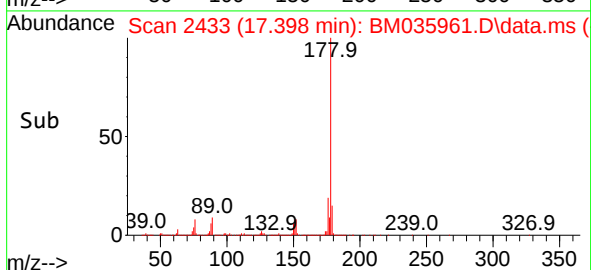
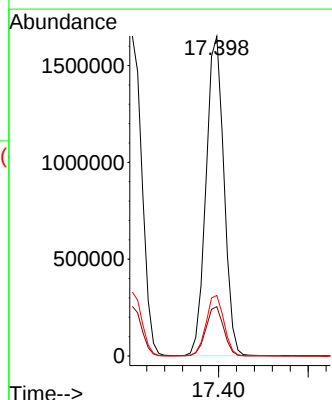
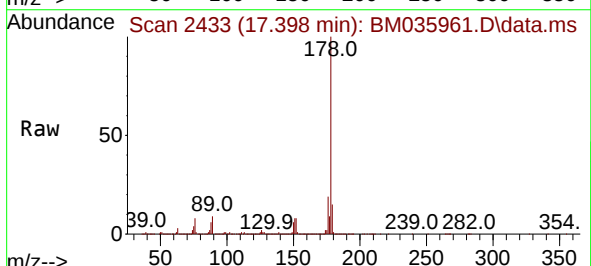
Tgt Ion:178 Resp: 2281198

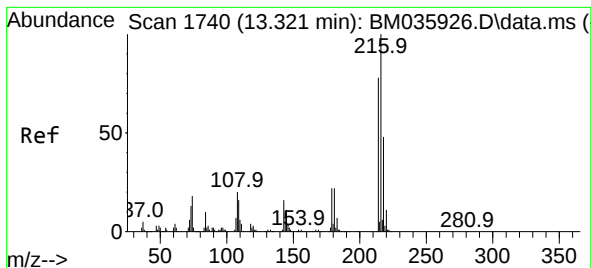
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.9 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.486 ng/uL

RT: 13.322 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

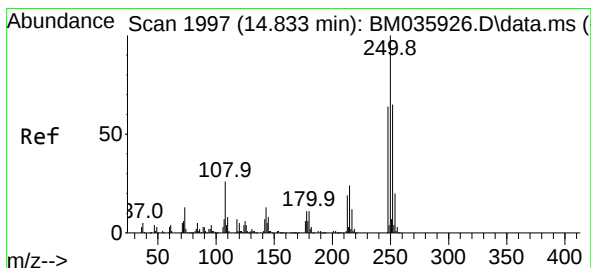
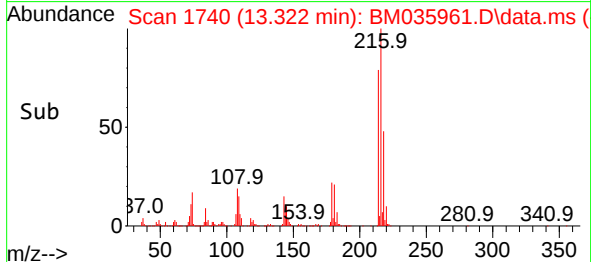
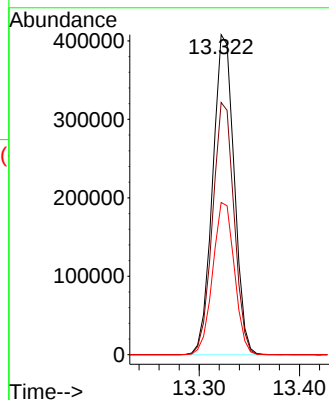
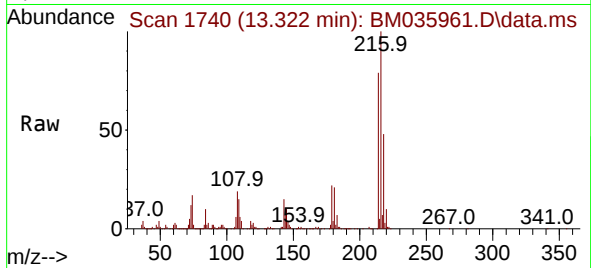
Tgt Ion:216 Resp: 608927

Ion Ratio Lower Upper

216 100

214 78.8 60.9 91.3

218 47.6 37.5 56.3



#76

Pentachlorobenzene

Concen: 33.728 ng/uL

RT: 14.839 min Scan# 1998

Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

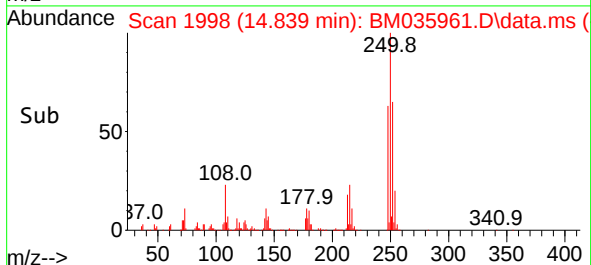
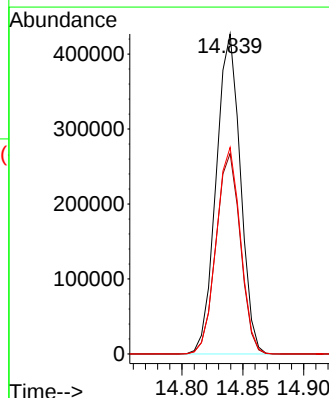
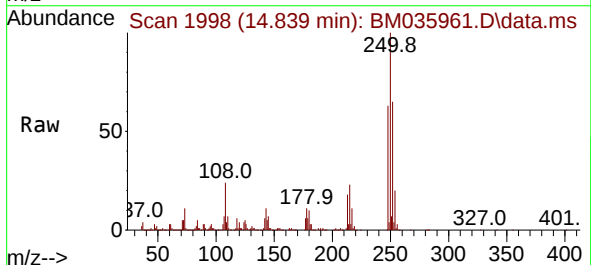
Tgt Ion:250 Resp: 591271

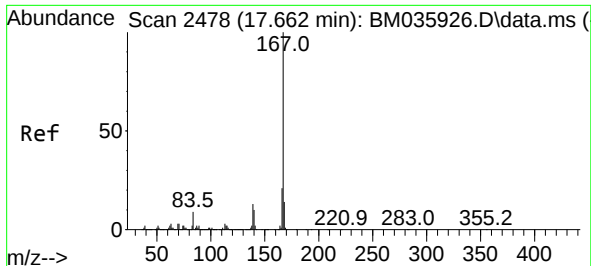
Ion Ratio Lower Upper

250 100

248 62.7 50.4 75.6

252 64.6 51.1 76.7

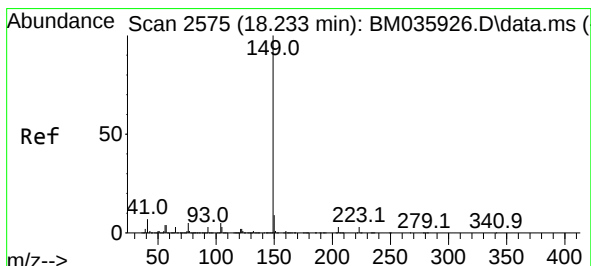
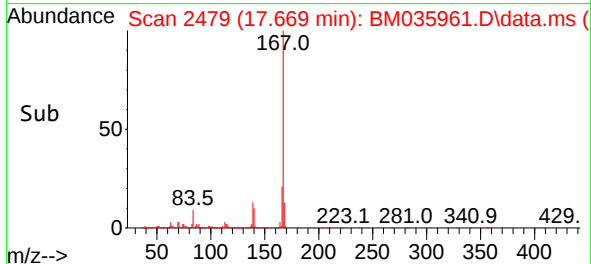
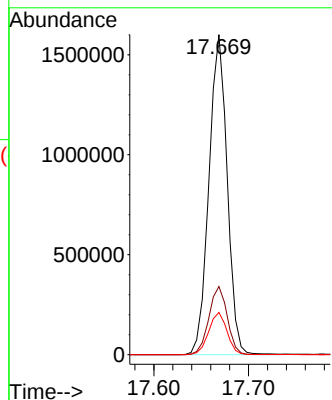
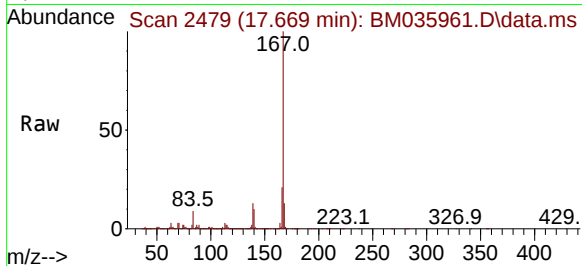




#77
 Carbazole
 Concen: 34.629 ng/ul
 RT: 17.669 min Scan# 2478
 Delta R.T. -0.017 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

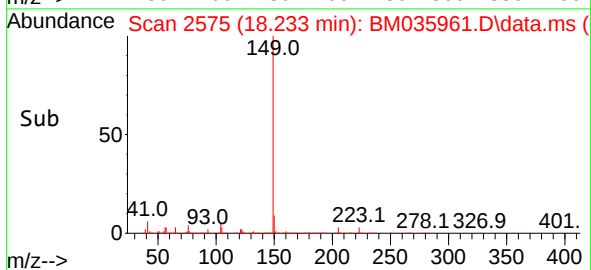
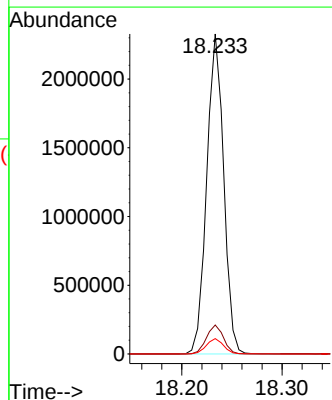
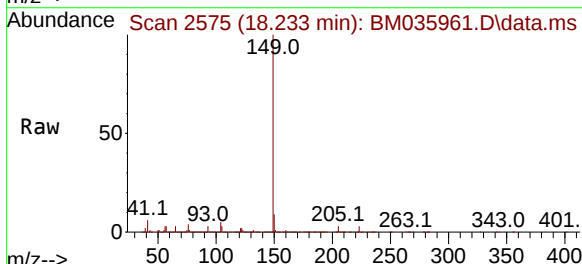
Instrument :
 BNA_M
 ClientSampleId :

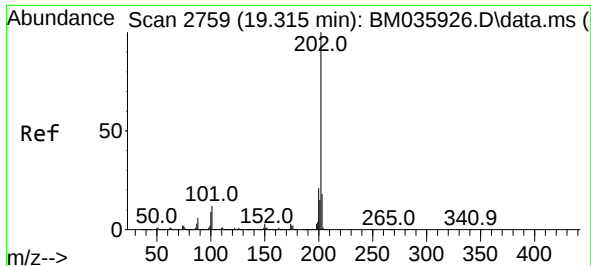
Tgt Ion:167 Resp: 2139154
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.2 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 39.337 ng/ul
 RT: 18.233 min Scan# 2575
 Delta R.T. -0.011 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

Tgt Ion:149 Resp: 2741666
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.8 3.7 5.5

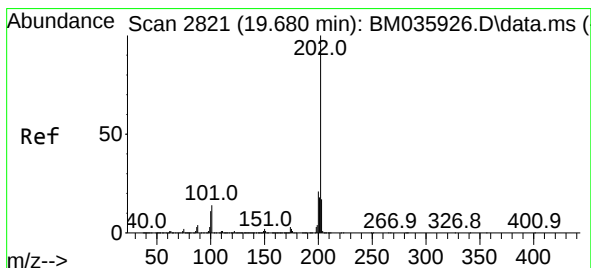
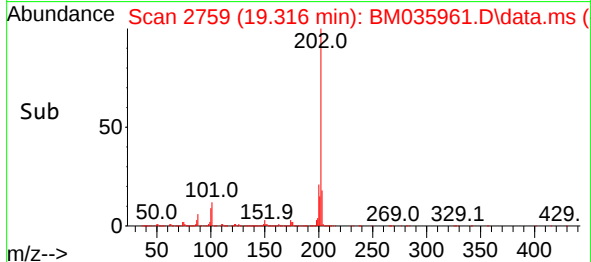
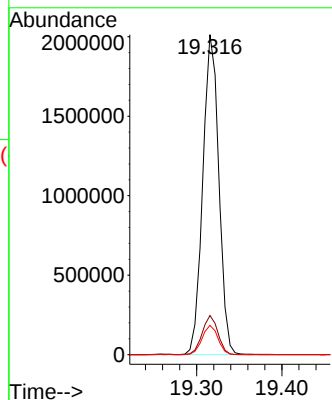
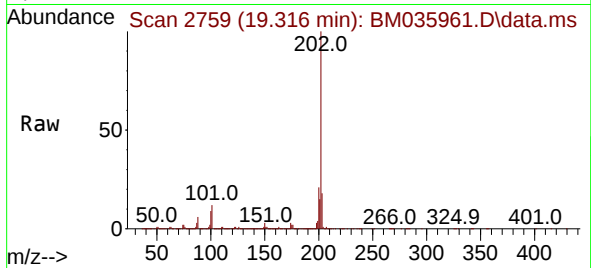




#80
Fluoranthene
Concen: 34.601 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

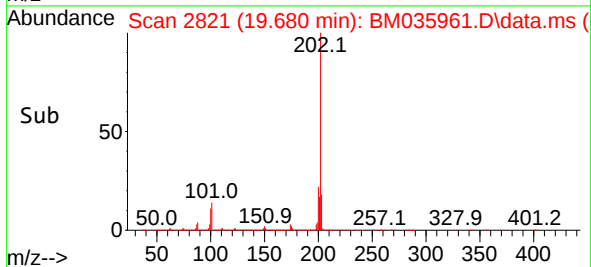
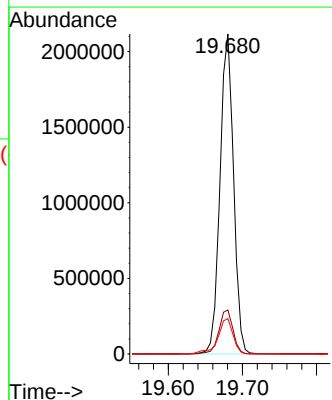
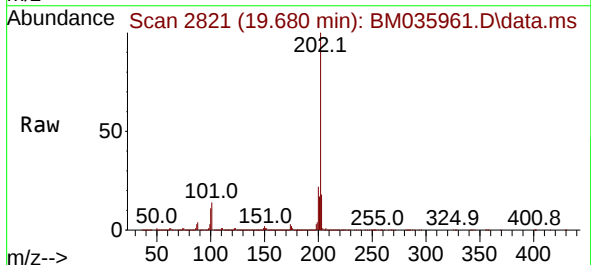
Instrument :
BNA_M
ClientSampleId :

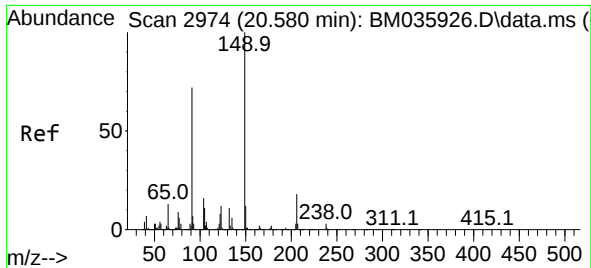
Tgt Ion:202 Resp: 2628967
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.2 7.8 11.6



#82
Pyrene
Concen: 34.377 ng/ul
RT: 19.680 min Scan# 2821
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:202 Resp: 2692166
Ion Ratio Lower Upper
202 100
101 13.7 11.9 17.9
100 11.1 10.2 15.4

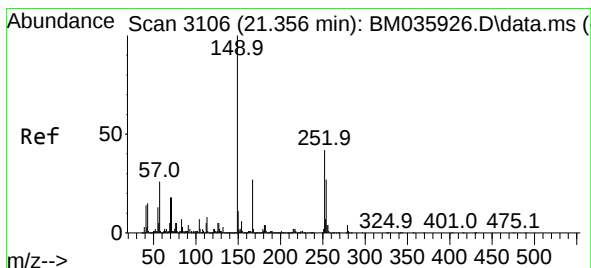
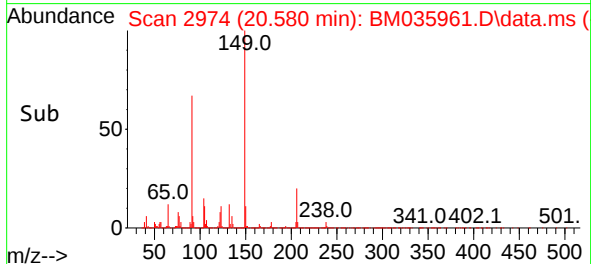
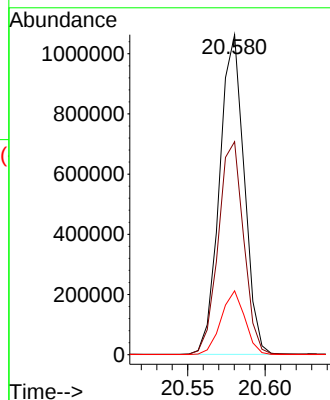
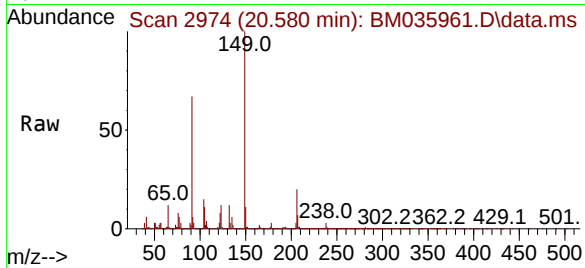




#83
 Butylbenzylphthalate
 Concen: 41.274 ng/ul
 RT: 20.580 min Scan# 2974
 Delta R.T. -0.011 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

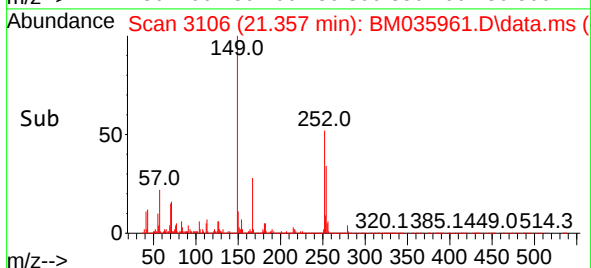
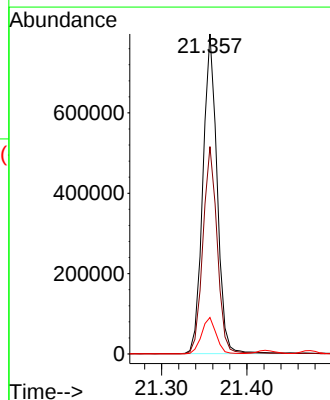
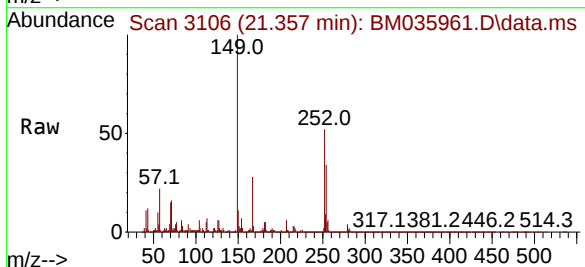
Instrument :
 BNA_M
 ClientSampleId :

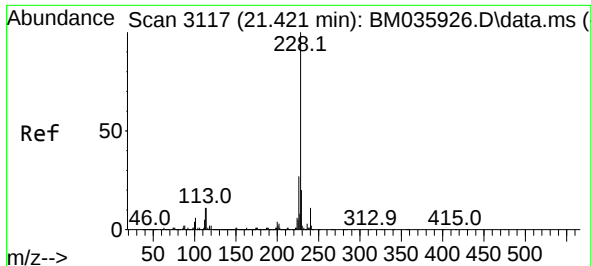
Tgt Ion:149 Resp: 1175594
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.2 79.8
 206 19.9 16.0 24.0



#84
 3,3'-Dichlorobenzidine
 Concen: 43.528 ng/ul
 RT: 21.357 min Scan# 3106
 Delta R.T. -0.017 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

Tgt Ion:252 Resp: 921653
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.4 78.6
 126 11.4 10.8 16.2

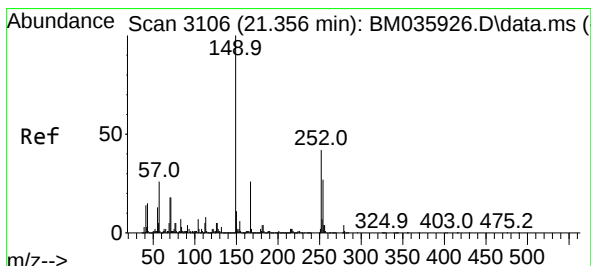
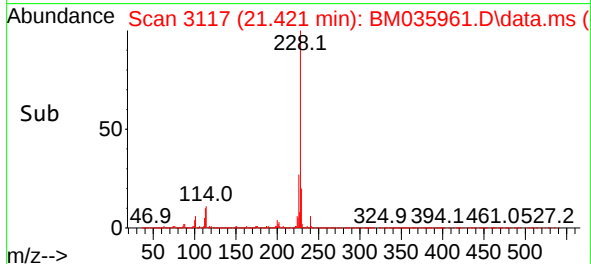
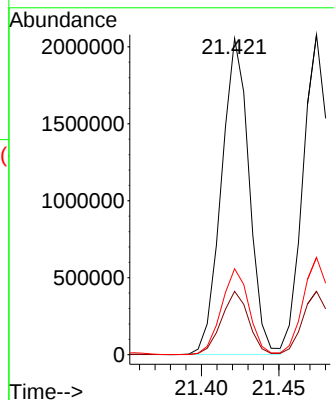
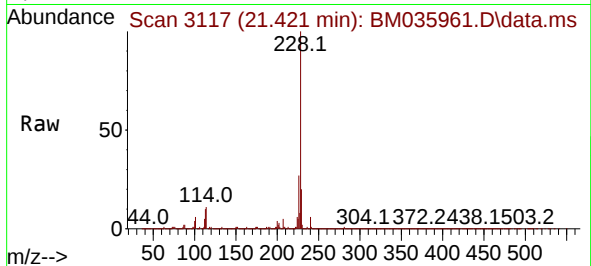




#85
Benzo(a)anthracene
Concen: 35.388 ng/ul
RT: 21.421 min Scan# 3117
Delta R.T. -0.023 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

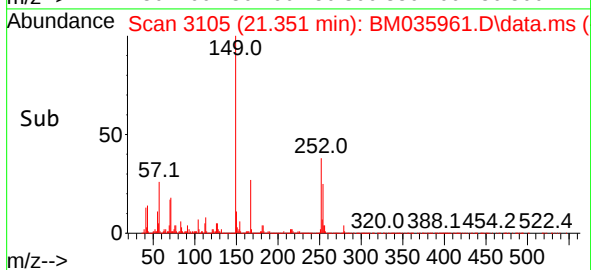
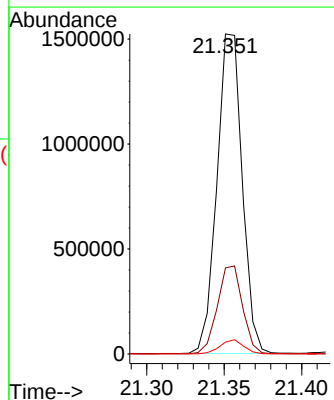
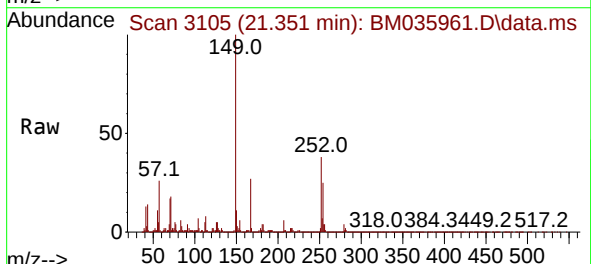
Instrument :
BNA_M
ClientSampleId :

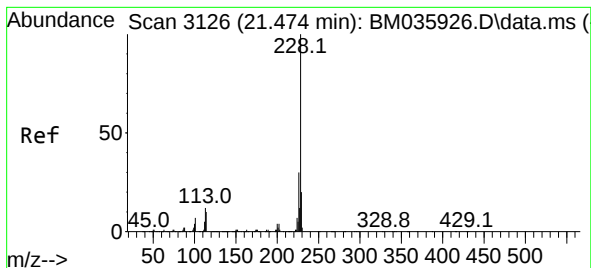
Tgt Ion:228 Resp: 2555763
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 42.053 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:149 Resp: 1730727
Ion Ratio Lower Upper
149 100
167 26.9 21.5 32.3
279 3.7 3.4 5.2





#87

Chrysene

Concen: 34.828 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.023 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Instrument :

BNA_M

ClientSampleId :

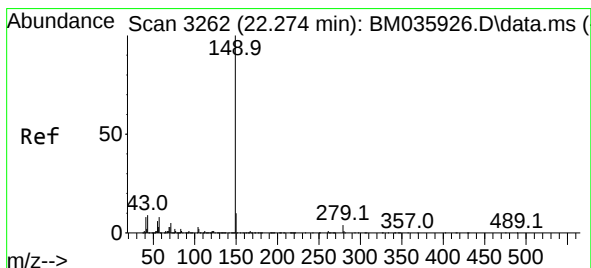
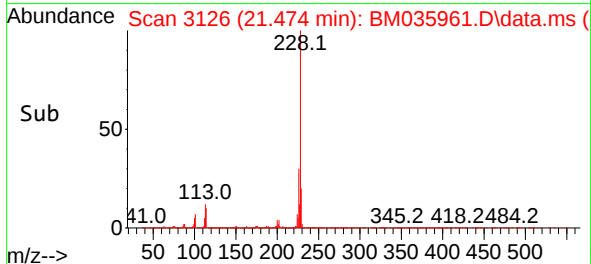
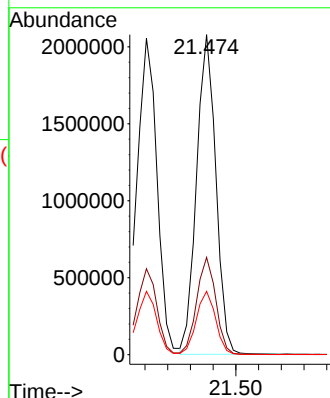
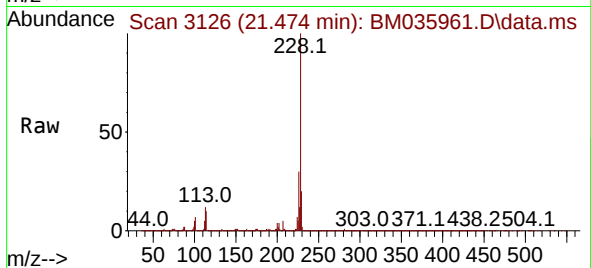
Tgt Ion:228 Resp: 2454216

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 37.136 ng/ul

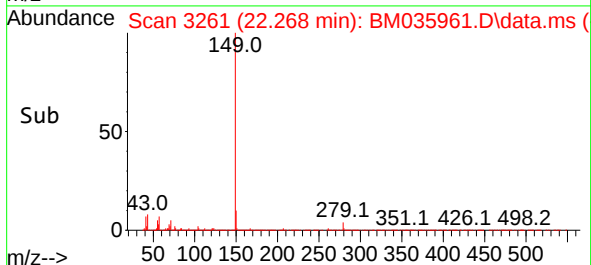
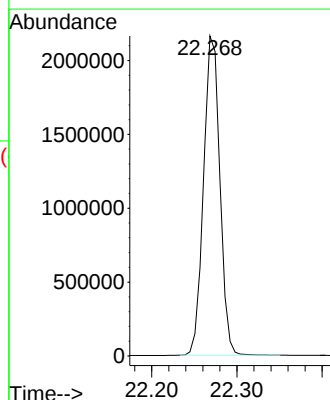
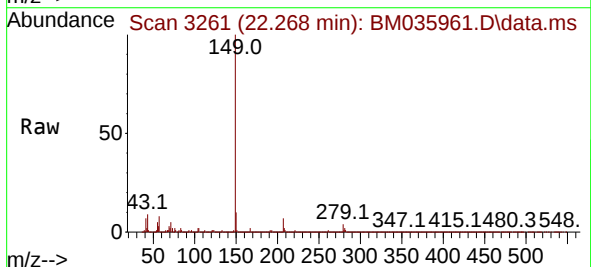
RT: 22.268 min Scan# 3261

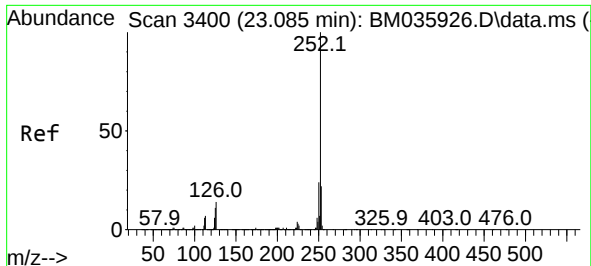
Delta R.T. -0.017 min

Lab File: BM035961.D

Acq: 27 Jul 2022 21:29

Tgt Ion:149 Resp: 2870972

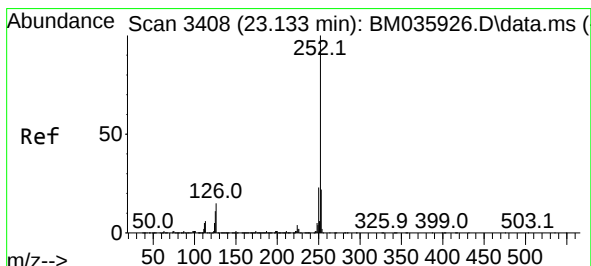
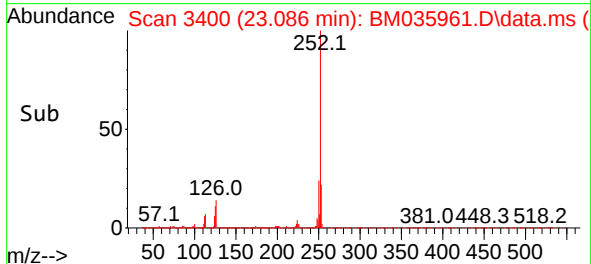
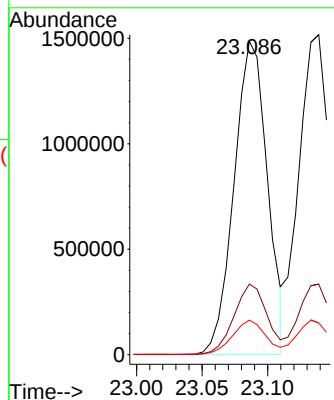
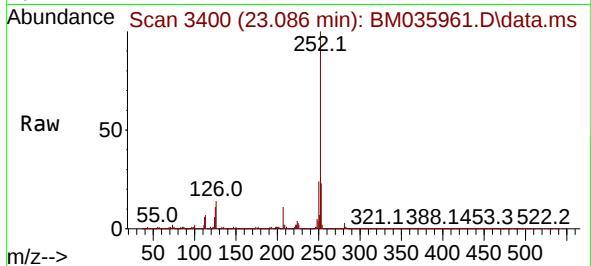




#90
Benzo(b)fluoranthene
Concen: 32.888 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. -0.035 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

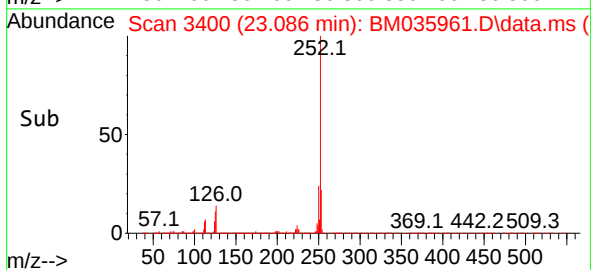
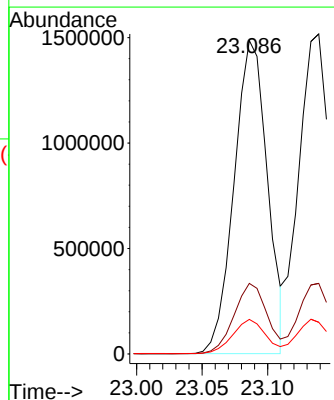
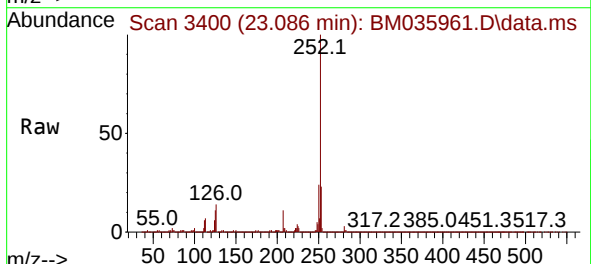
Instrument :
BNA_M
ClientSampleId :

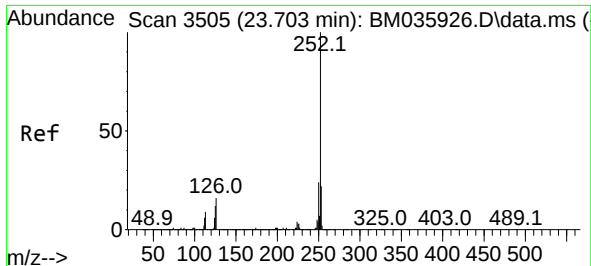
Tgt Ion:252 Resp: 2627643
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 34.658 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. -0.082 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:252 Resp: 2627643
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 11.0 10.6 15.8

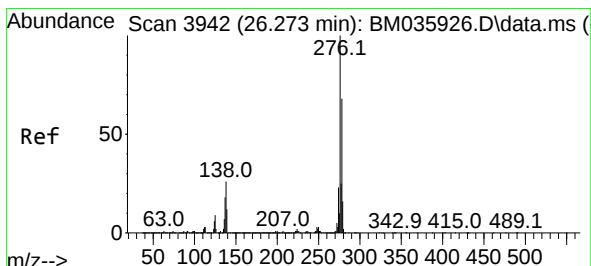
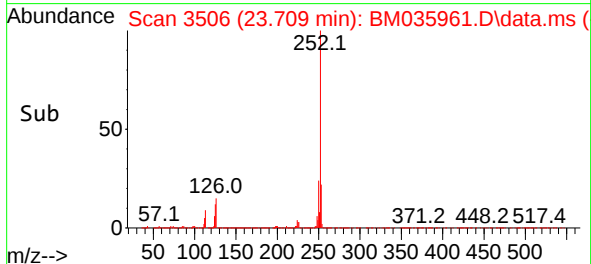
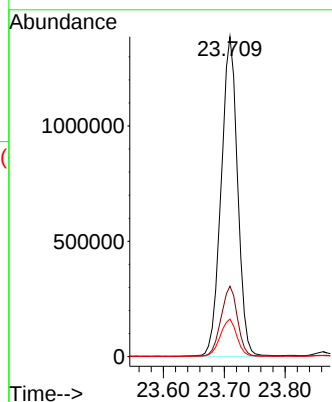
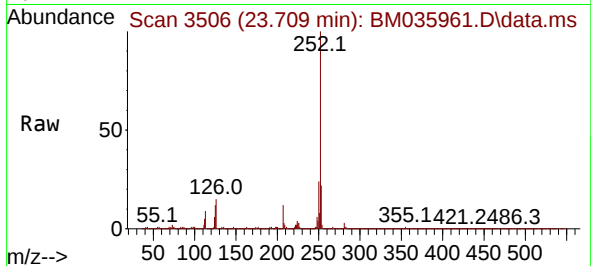




#93
Benzo(a)pyrene
Concen: 34.162 ng/ul
RT: 23.709 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

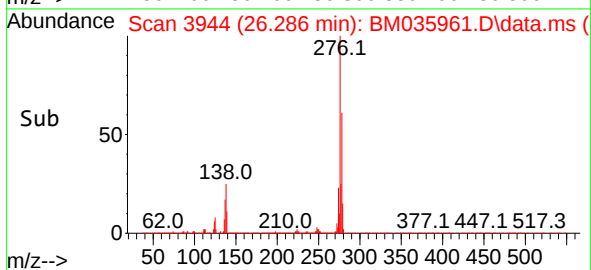
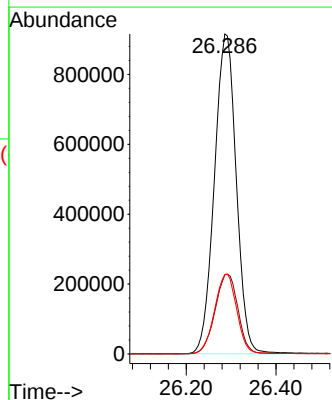
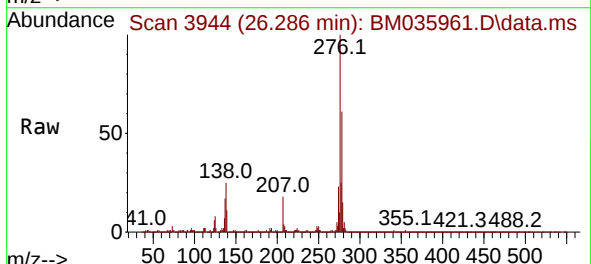
Instrument :
BNA_M
ClientSampleId :

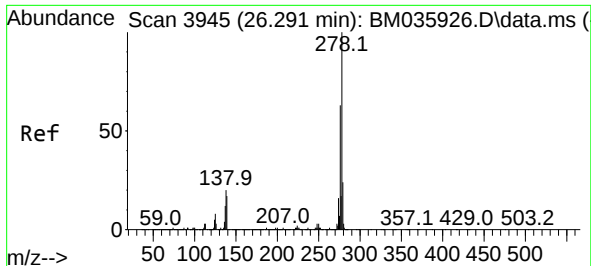
Tgt Ion:252 Resp: 2599693
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.8 11.8 17.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.212 ng/ul
RT: 26.286 min Scan# 3944
Delta R.T. -0.058 min
Lab File: BM035961.D
Acq: 27 Jul 2022 21:29

Tgt Ion:276 Resp: 3099591
Ion Ratio Lower Upper
276 100
138 24.7 25.6 38.4#
277 24.9 20.1 30.1



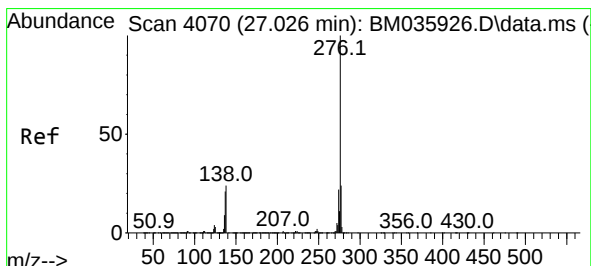
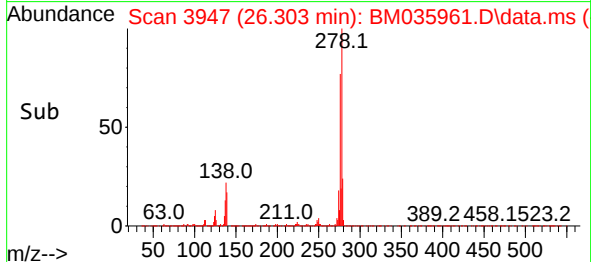
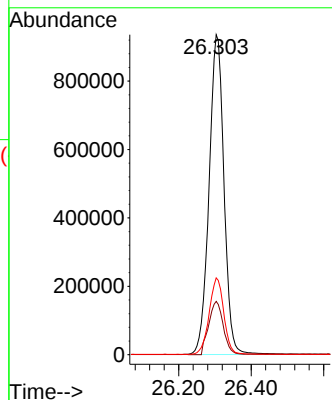
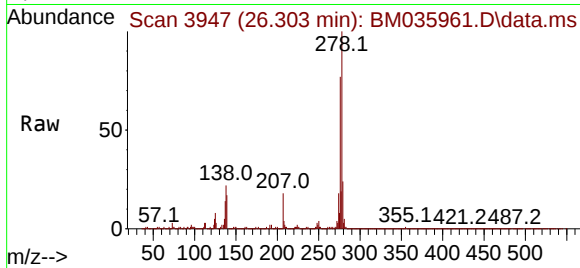


#95
 Dibenzo(a,h)anthracene
 Concen: 38.425 ng/ul
 RT: 26.303 min Scan# 3945
 Delta R.T. -0.053 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2674063

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.2	24.2
279	24.0	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 39.088 ng/ul
 RT: 27.050 min Scan# 4074
 Delta R.T. -0.058 min
 Lab File: BM035961.D
 Acq: 27 Jul 2022 21:29

Tgt Ion:276 Resp: 2627418

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.3	31.9
277	24.2	18.6	28.0

